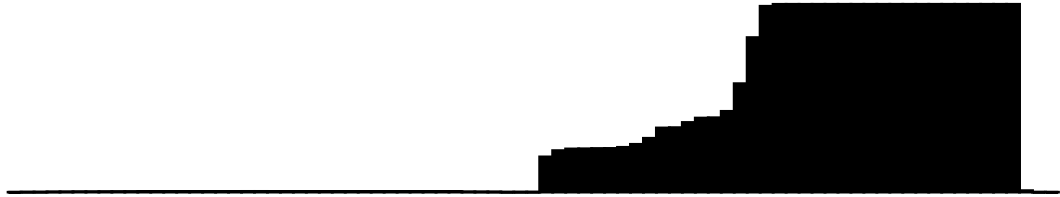
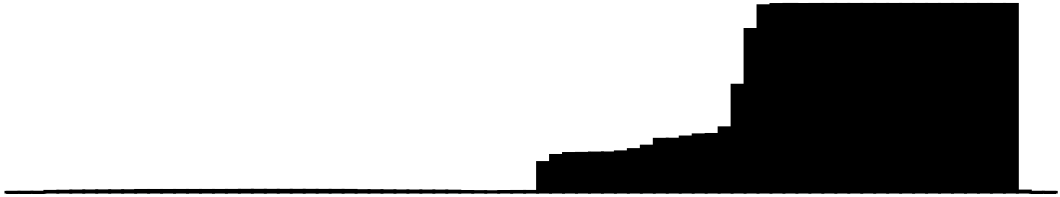
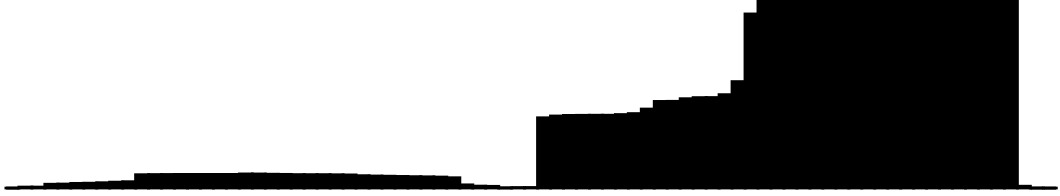
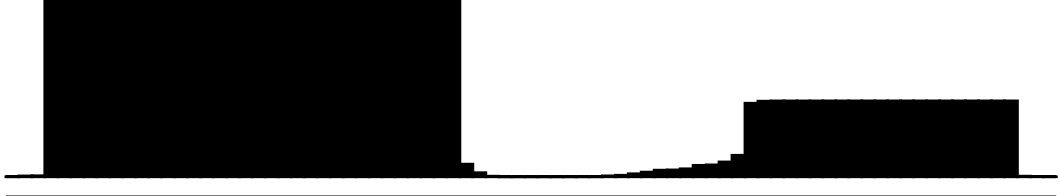


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Identifer	bgP_28444112_28444172_chr17.conserved	NA
Cluster score	0.34	NA
Clusters	2,2,2,2,2,2,2,2,2,2,2,1,1,2,2,2,2	NA
Overlap	NA	

	Replicate 1	Replicate 2
	27861 163 9864 chr3:160122392 160122427 160122462 160122497 160122532 160122567 BloodGm12878Rep1_cluster_9960; hsa-mir-16-2; + strand; Ticks on x-axis are at 35 nucleotides interval 92253 536 19843 chr3:160122392 160122427 160122462 160122497 160122532 160122567 BrainSknshraRep1_cluster_9015; hsa-mir-16-2; + strand; Ticks on x-axis are at 35 nucleotides interval 73666 501 13251 chr3:160122392 160122427 160122462 160122497 160122532 160122567 BreastMcf7Rep1_cluster_7992; hsa-mir-16-2; + strand; Ticks on x-axis are at 35 nucleotides interval 305428 879 66106 chr3:160122392 160122427 160122462 160122497 160122532 160122567 CervixHelas3Rep1_cluster_9414; hsa-mir-16-2; + strand; Ticks on x-axis are at 35 nucleotides interval 72374 479 15378 chr3:160122392 160122427 160122462 160122497 160122532 160122567 EpitheliumA549Rep1_cluster_8091; hsa-mir-16-2; + strand; Ticks on x-axis are at 35 nucleotides interval 117591 114 5378 chr3:160122392 160122427 160122462 160122497 160122532 160122567 EscH1hescRep1_cluster_7425; hsa-mir-16-2; + strand; Ticks on x-axis are at 35 nucleotides interval 12879 1255 32 chr3:160122392 160122427 160122462 160122497 160122532 160122567 LiverHepg2Rep1_cluster_3612; hsa-mir-16-2; + strand; Ticks on x-axis are at 35 nucleotides interval 124615 750 19665 chr3:160122392 160122427 160122462 160122497 160122532 160122567 LungAg04450Rep1_cluster_8594; hsa-mir-16-2; + strand; Ticks on x-axis are at 35 nucleotides interval 56697 111 7483 chr3:160122392 160122427 160122462 160122497 160122532 160122567 SkinBjRep1_cluster_3772; hsa-mir-16-2; + strand; Ticks on x-axis are at 35 nucleotides interval	37721 287 14303 chr3:160122392 160122427 160122462 160122497 160122532 160122567 BloodGm12878Rep2_cluster_11894; hsa-mir-16-2; + strand; Ticks on x-axis are at 35 nucleotides interval 104072 562 20557 chr3:160122392 160122427 160122462 160122497 160122532 160122567 BrainSknshraRep2_cluster_7945; hsa-mir-16-2; + strand; Ticks on x-axis are at 35 nucleotides interval 182579 1141 20176 chr3:160122392 160122427 160122462 160122497 160122532 160122567 BreastMcf7Rep2_cluster_8125; hsa-mir-16-2; + strand; Ticks on x-axis are at 35 nucleotides interval 224461 608 42990 chr3:160122392 160122427 160122462 160122497 160122532 160122567 CervixHelas3Rep2_cluster_9395; hsa-mir-16-2; + strand; Ticks on x-axis are at 35 nucleotides interval 154050 742 19700 chr3:160122392 160122427 160122462 160122497 160122532 160122567 EpitheliumA549Rep2_cluster_6542; hsa-mir-16-2; + strand; Ticks on x-axis are at 35 nucleotides interval 116461 102 4883 chr3:160122392 160122427 160122462 160122497 160122532 160122567 EscH1hescRep2_cluster_8601; hsa-mir-16-2; + strand; Ticks on x-axis are at 35 nucleotides interval 25273 2464 125 chr3:160122392 160122427 160122462 160122497 160122532 160122567 LiverHepg2Rep2_cluster_6297; hsa-mir-16-2; + strand; Ticks on x-axis are at 35 nucleotides interval 86161 412 14444 chr3:160122392 160122427 160122462 160122497 160122532 160122567 LungAg04450Rep2_cluster_9498; hsa-mir-16-2; + strand; Ticks on x-axis are at 35 nucleotides interval 142853 403 17341 chr3:160122392 160122427 160122462 160122497 160122532 160122567 SkinBjRep2_cluster_6650; hsa-mir-16-2; + strand; Ticks on x-axis are at 35 nucleotides interval
Identifer	bgP_160122392_160122565.chr3.conserved	NA
Cluster score	0.28	NA
Clusters	2,2,2,2,2,2,2,2,2,1,1,3,3,2,2,2,2	NA
Overlap	NA	

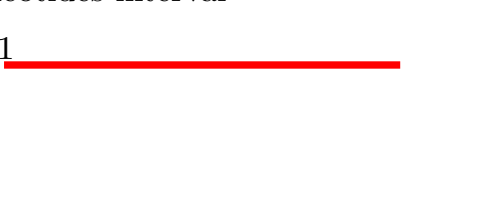
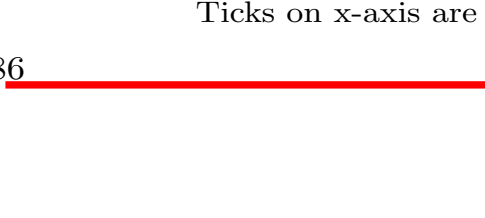
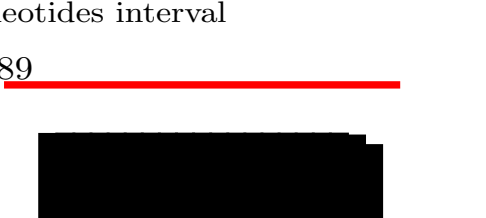
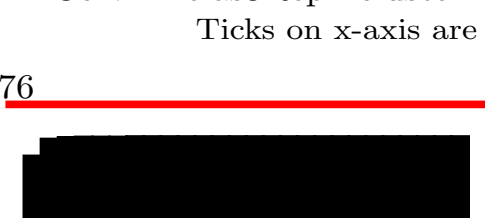
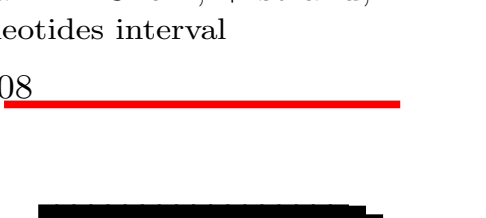
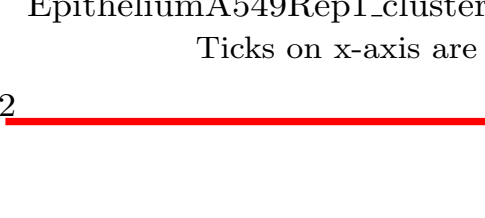
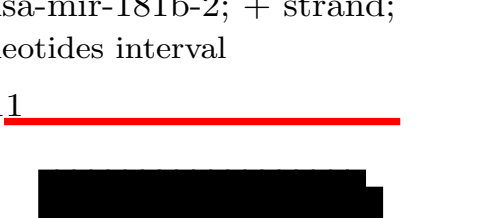
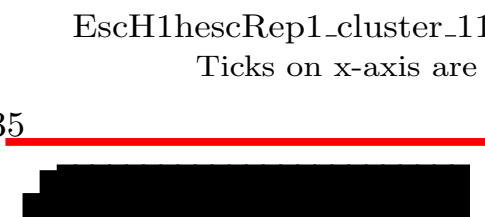
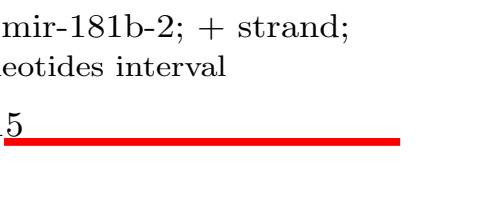
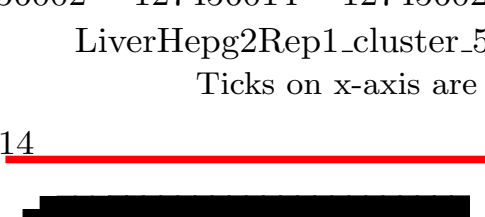
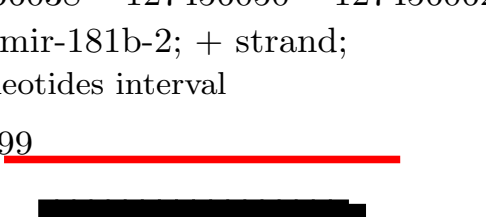
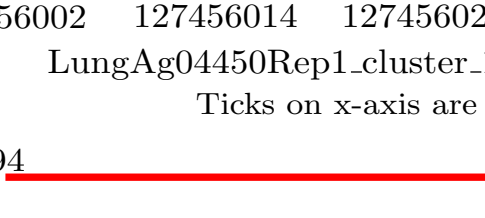
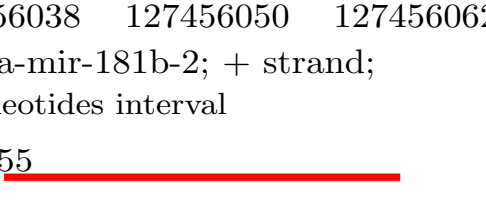
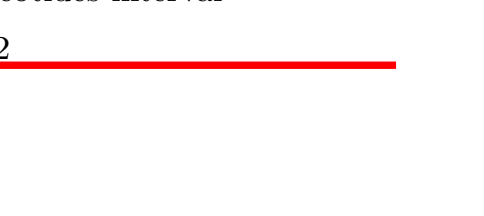
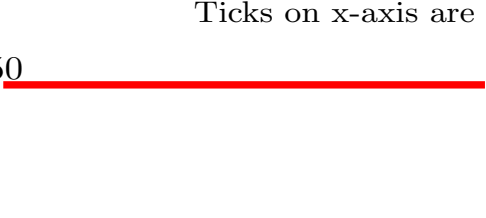
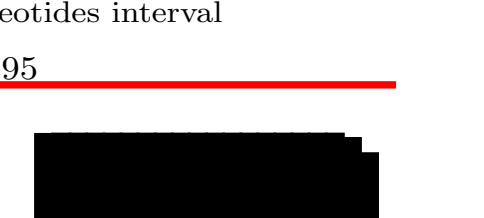
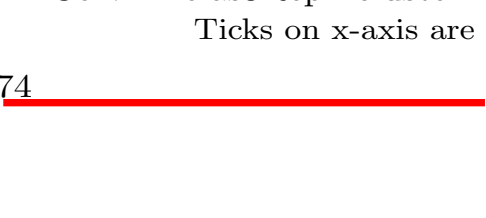
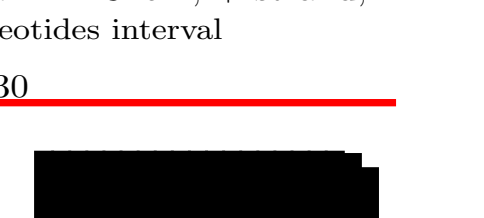
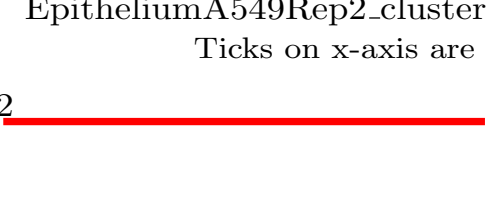
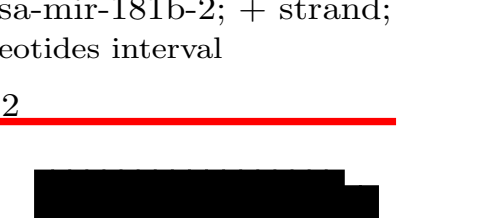
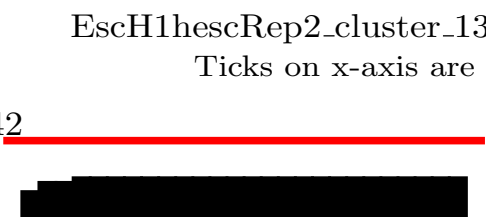
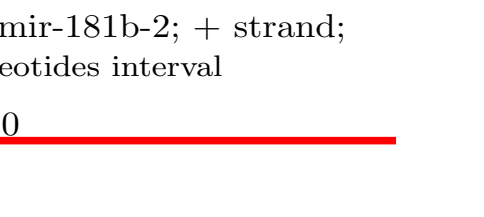
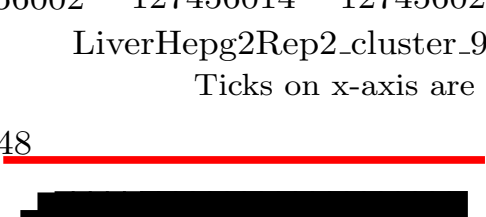
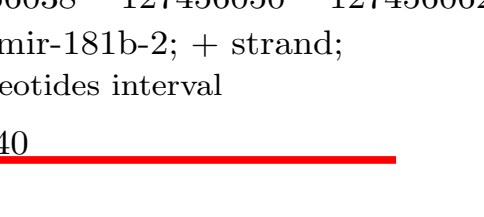
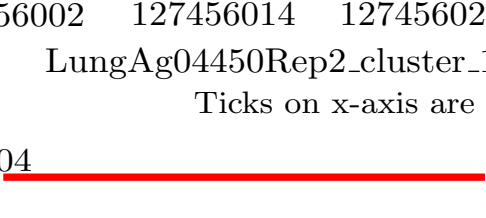
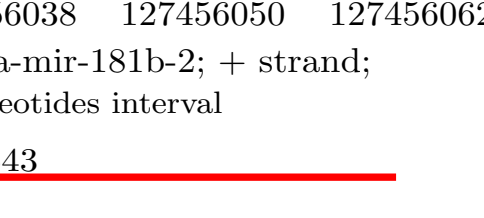
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	32913023  chr11:593185355931851959318503593184875931847159318455 BloodGm12878Rep1_cluster_2702; chr11_Val_TAC; - strand; Ticks on x-axis are at 16 nucleotides interval 2083679  chr11:593185355931851959318503593184875931847159318455 BrainSknshraRep1_cluster_2484; chr11_Val_TAC; - strand; Ticks on x-axis are at 16 nucleotides interval 897292  chr11:593185355931851959318503593184875931847159318455 BreastMcf7Rep1_cluster_2173; chr11_Val_TAC; - strand; Ticks on x-axis are at 16 nucleotides interval 12827907  chr11:593185355931851959318503593184875931847159318455 CervixHelas3Rep1_cluster_2644; chr11_Val_TAC; - strand; Ticks on x-axis are at 16 nucleotides interval 5584717  chr11:593185355931851959318503593184875931847159318455 EpitheliumA549Rep1_cluster_2212; chr11_Val_TAC; - strand; Ticks on x-axis are at 16 nucleotides interval 2864066  chr11:593185355931851959318503593184875931847159318455 EscH1hescRep1_cluster_2023; chr11_Val_TAC; - strand; Ticks on x-axis are at 16 nucleotides interval 81553147  chr11:593185355931851959318503593184875931847159318455 LiverHepg2Rep1_cluster_1027; chr11_Val_TAC; - strand; Ticks on x-axis are at 16 nucleotides interval 3687240  chr11:593185355931851959318503593184875931847159318455 LungAg04450Rep1_cluster_2410; chr11_Val_TAC; - strand; Ticks on x-axis are at 16 nucleotides interval 743583  chr11:593185355931851959318503593184875931847159318455 SkinBjRep1_cluster_1079; chr11_Val_TAC; - strand; Ticks on x-axis are at 16 nucleotides interval	57518981  chr11:593185355931851959318503593184875931847159318455 BloodGm12878Rep2_cluster_3228; chr11_Val_TAC; - strand; Ticks on x-axis are at 16 nucleotides interval 1543190  chr11:593185355931851959318503593184875931847159318455 BrainSknshraRep2_cluster_2176; chr11_Val_TAC; - strand; Ticks on x-axis are at 16 nucleotides interval 15412478  chr11:593185355931851959318503593184875931847159318455 BreastMcf7Rep2_cluster_2236; chr11_Val_TAC; - strand; Ticks on x-axis are at 16 nucleotides interval 1079831  chr11:593185355931851959318503593184875931847159318455 CervixHelas3Rep2_cluster_2639; chr11_Val_TAC; - strand; Ticks on x-axis are at 16 nucleotides interval 3664847  chr11:593185355931851959318503593184875931847159318455 EpitheliumA549Rep2_cluster_1827; chr11_Val_TAC; - strand; Ticks on x-axis are at 16 nucleotides interval 2066369  chr11:593185355931851959318503593184875931847159318455 EscH1hescRep2_cluster_2337; chr11_Val_TAC; - strand; Ticks on x-axis are at 16 nucleotides interval 95083727  chr11:593185355931851959318503593184875931847159318455 LiverHepg2Rep2_cluster_1768; chr11_Val_TAC; - strand; Ticks on x-axis are at 16 nucleotides interval 4099584  chr11:593185355931851959318503593184875931847159318455 LungAg04450Rep2_cluster_2628; chr11_Val_TAC; - strand; Ticks on x-axis are at 16 nucleotides interval 1005845  chr11:593185355931851959318503593184875931847159318455 SkinBjRep2_cluster_1879; chr11_Val_TAC; - strand; Ticks on x-axis are at 16 nucleotides interval
Identifer	bgN_59318455-59318497_chr11.conservd	NA
Cluster score	0.28	NA
Clusters	2,2,2,2,2,2,2,2,2,2,2,2,1,1,2,2,2,2	NA
Overlap	NA	

	Replicate 1	Replicate 2
	1872414 chr6:272657652726579027265815272658402726586527265890 BloodGm12878Rep1_cluster_12491; chr6_Ser_GCT; + strand; Ticks on x-axis are at 25 nucleotides interval 1697229 chr6:272657652726579027265815272658402726586527265890 BrainSknsbraRep1_cluster_11412; chr6_Ser_GCT; + strand; Ticks on x-axis are at 25 nucleotides interval 144531 chr6:272657652726579027265815272658402726586527265890 BreastMcf7Rep1_cluster_10131; chr6_Ser_GCT; + strand; Ticks on x-axis are at 25 nucleotides interval 1225448 chr6:272657652726579027265815272658402726586527265890 CervixHelas3Rep1_cluster_12028; chr6_Ser_GCT; + strand; Ticks on x-axis are at 25 nucleotides interval 38913936 chr6:272657652726579027265815272658402726586527265890 EpitheliumA549Rep1_cluster_10176; chr6_Ser_GCT; + strand; Ticks on x-axis are at 25 nucleotides interval 54468 chr6:272657652726579027265815272658402726586527265890 EscH1hescRep1_cluster_9469; chr6_Ser_GCT; + strand; Ticks on x-axis are at 25 nucleotides interval 24451 chr6:272657652726579027265815272658402726586527265890 LiverHepg2Rep1_cluster_4538; chr6_Ser_GCT; + strand; Ticks on x-axis are at 25 nucleotides interval 4146431 chr6:272657652726579027265815272658402726586527265890 LungAg04450Rep1_cluster_10866; chr6_Ser_GCT; + strand; Ticks on x-axis are at 25 nucleotides interval 200343 chr6:272657652726579027265815272658402726586527265890 SkinBjRep1_cluster_4782; chr6_Ser_GCT; + strand; Ticks on x-axis are at 25 nucleotides interval	28143611 chr6:272657652726579027265815272658402726586527265890 BloodGm12878Rep2_cluster_14909; chr6_Ser_GCT; + strand; Ticks on x-axis are at 25 nucleotides interval 1963917 chr6:272657652726579027265815272658402726586527265890 BrainSknsbraRep2_cluster_10043; chr6_Ser_GCT; + strand; Ticks on x-axis are at 25 nucleotides interval 3411868 chr6:272657652726579027265815272658402726586527265890 BreastMcf7Rep2_cluster_10228; chr6_Ser_GCT; + strand; Ticks on x-axis are at 25 nucleotides interval 13718 chr6:272657652726579027265815272658402726586527265890 CervixHelas3Rep2_cluster_12015; chr6_Ser_GCT; + strand; Ticks on x-axis are at 25 nucleotides interval 3266732 chr6:272657652726579027265815272658402726586527265890 EpitheliumA549Rep2_cluster_8212; chr6_Ser_GCT; + strand; Ticks on x-axis are at 25 nucleotides interval 36653 chr6:272657652726579027265815272658402726586527265890 EscH1hescRep2_cluster_10996; chr6_Ser_GCT; + strand; Ticks on x-axis are at 25 nucleotides interval 34101 chr6:272657652726579027265815272658402726586527265890 LiverHepg2Rep2_cluster_7955; chr6_Ser_GCT; + strand; Ticks on x-axis are at 25 nucleotides interval 49711328 chr6:272657652726579027265815272658402726586527265890 LungAg04450Rep2_cluster_11948; chr6_Ser_GCT; + strand; Ticks on x-axis are at 25 nucleotides interval 53436 chr6:272657652726579027265815272658402726586527265890 SkinBjRep2_cluster_8466; chr6_Ser_GCT; + strand; Ticks on x-axis are at 25 nucleotides interval
Identifer	bgP_27265765_27265888_chr6.conserved	NA
Cluster score	0.28	NA
Clusters	2,2,2,2,2,2,2,2,2,2,2,1,1,2,2,2,2	NA
Overlap	NA	

	Replicate 1	Replicate 2
	1313 chrX:133303903133303836133303769133303702133303635133303568 BloodGm12878Rep1_cluster_16372; hsa-mir-20b; - strand; Ticks on x-axis are at 67 nucleotides interval 1203 chrX:133303903133303836133303769133303702133303635133303568 BrainSknshraRep1_cluster_15078; hsa-mir-20b; - strand; Ticks on x-axis are at 67 nucleotides interval 82 chrX:133303903133303836133303769133303702133303635133303568 BreastMcf7Rep1_cluster_13253; hsa-mir-20b; - strand; Ticks on x-axis are at 67 nucleotides interval 40 chrX:133303903133303836133303769133303702133303635133303568 CervixHelas3Rep1_cluster_15830; hsa-mir-20b; - strand; Ticks on x-axis are at 67 nucleotides interval 47 chrX:133303903133303836133303769133303702133303635133303568 EpitheliumA549Rep1_cluster_13351; hsa-mir-20b; - strand; Ticks on x-axis are at 67 nucleotides interval 36907 chrX:133303903133303836133303769133303702133303635133303568 EscH1hescRep1_cluster_12565; hsa-mir-92a-2; - strand; Ticks on x-axis are at 67 nucleotides interval 24 chrX:133303903133303836133303769133303702133303635133303568 LiverHepg2Rep1_cluster_6093; hsa-mir-20b; - strand; Ticks on x-axis are at 67 nucleotides interval 6 chrX:133303903133303836133303769133303702133303635133303568 LungAg04450Rep1_cluster_14352; hsa-mir-19b-2; - strand; Ticks on x-axis are at 67 nucleotides interval 57 chrX:133303903133303836133303769133303702133303635133303568 SkinBjRep1_cluster_6301; hsa-mir-20b; - strand; Ticks on x-axis are at 67 nucleotides interval	1042 chrX:133303903133303836133303769133303702133303635133303568 BloodGm12878Rep2_cluster_19534; hsa-mir-20b; - strand; Ticks on x-axis are at 67 nucleotides interval 880 chrX:133303903133303836133303769133303702133303635133303568 BrainSknshraRep2_cluster_13257; hsa-mir-20b; - strand; Ticks on x-axis are at 67 nucleotides interval 33 chrX:133303903133303836133303769133303702133303635133303568 BreastMcf7Rep2_cluster_13499; hsa-mir-20b; - strand; Ticks on x-axis are at 67 nucleotides interval 133 chrX:133303903133303836133303769133303702133303635133303568 CervixHelas3Rep2_cluster_15896; hsa-mir-20b; - strand; Ticks on x-axis are at 67 nucleotides interval 47 chrX:133303903133303836133303769133303702133303635133303568 EpitheliumA549Rep2_cluster_10800; hsa-mir-20b; - strand; Ticks on x-axis are at 67 nucleotides interval 37772 chrX:133303903133303836133303769133303702133303635133303568 EscH1hescRep2_cluster_14560; hsa-mir-20b; - strand; Ticks on x-axis are at 67 nucleotides interval 125 chrX:133303903133303836133303769133303702133303635133303568 LiverHepg2Rep2_cluster_10572; hsa-mir-20b; - strand; Ticks on x-axis are at 67 nucleotides interval 10 chrX:133303903133303836133303769133303702133303635133303568 LungAg04450Rep2_cluster_15693; hsa-mir-19b-2; - strand; Ticks on x-axis are at 67 nucleotides interval 37 chrX:133303903133303836133303769133303702133303635133303568 SkinBjRep2_cluster_11148; hsa-mir-20b; - strand; Ticks on x-axis are at 67 nucleotides interval
Identifer	bgN_133303571_133303595_chrX.conserved	NA
Cluster score	0.25	NA
Clusters	2,2,2,2,0,0,0,0,3,3,1,1,0,0,3,3,0,0	NA
Overlap	NA	

	Replicate 1	Replicate 2
	27 2641 chr10:91352573 91352560 91352547 91352534 91352521 91352508 BloodGm12878Rep1_cluster_2021; hsa-mir-107; - strand; Ticks on x-axis are at 13 nucleotides interval 110 7063 chr10:91352573 91352560 91352547 91352534 91352521 91352508 BrainSknsbraRep1_cluster_1832; hsa-mir-107; - strand; Ticks on x-axis are at 13 nucleotides interval 79 1738 chr10:91352573 91352560 91352547 91352534 91352521 91352508 BreastMcf7Rep1_cluster_1597; hsa-mir-107; - strand; Ticks on x-axis are at 13 nucleotides interval 125 1710 chr10:91352573 91352560 91352547 91352534 91352521 91352508 CervixHelas3Rep1_cluster_1948; hsa-mir-107; - strand; Ticks on x-axis are at 13 nucleotides interval 73 4625 chr10:91352573 91352560 91352547 91352534 91352521 91352508 EpitheliumA549Rep1_cluster_1643; hsa-mir-107; - strand; Ticks on x-axis are at 13 nucleotides interval 14 355 chr10:91352573 91352560 91352547 91352534 91352521 91352508 EscH1hescRep1_cluster_1525; hsa-mir-107; - strand; Ticks on x-axis are at 13 nucleotides interval 105 233 chr10:91352573 91352560 91352547 91352534 91352521 91352508 LiverHepg2Rep1_cluster_796; hsa-mir-107; - strand; Ticks on x-axis are at 13 nucleotides interval 68 1544 chr10:91352573 91352560 91352547 91352534 91352521 91352508 LungAg04450Rep1_cluster_1776; hsa-mir-107; - strand; Ticks on x-axis are at 13 nucleotides interval 2 252 chr10:91352573 91352560 91352547 91352534 91352521 91352508 SkinBjRep1_cluster_821; hsa-mir-107; - strand; Ticks on x-axis are at 13 nucleotides interval	53 2026 chr10:91352573 91352560 91352547 91352534 91352521 91352508 BloodGm12878Rep2_cluster_2410; hsa-mir-107; - strand; Ticks on x-axis are at 13 nucleotides interval 102 4401 chr10:91352573 91352560 91352547 91352534 91352521 91352508 BrainSknsbraRep2_cluster_1638; hsa-mir-107; - strand; Ticks on x-axis are at 13 nucleotides interval 118 2785 chr10:91352573 91352560 91352547 91352534 91352521 91352508 BreastMcf7Rep2_cluster_1648; hsa-mir-107; - strand; Ticks on x-axis are at 13 nucleotides interval 59 1028 chr10:91352573 91352560 91352547 91352534 91352521 91352508 CervixHelas3Rep2_cluster_1955; hsa-mir-107; - strand; Ticks on x-axis are at 13 nucleotides interval 60 2619 chr10:91352573 91352560 91352547 91352534 91352521 91352508 EpitheliumA549Rep2_cluster_1363; hsa-mir-107; - strand; Ticks on x-axis are at 13 nucleotides interval 8 355 chr10:91352573 91352560 91352547 91352534 91352521 91352508 EscH1hescRep2_cluster_1780; hsa-mir-107; - strand; Ticks on x-axis are at 13 nucleotides interval 166 340 chr10:91352573 91352560 91352547 91352534 91352521 91352508 LiverHepg2Rep2_cluster_1354; hsa-mir-107; - strand; Ticks on x-axis are at 13 nucleotides interval 84 3494 chr10:91352573 91352560 91352547 91352534 91352521 91352508 LungAg04450Rep2_cluster_1941; hsa-mir-107; - strand; Ticks on x-axis are at 13 nucleotides interval 13 1181 chr10:91352573 91352560 91352547 91352534 91352521 91352508 SkinBjRep2_cluster_1376; hsa-mir-107; - strand; Ticks on x-axis are at 13 nucleotides interval
Identifer	bgN_91352511_91352573_chr10.conservd	NA
Cluster score	0.24	NA
Clusters	2,2,2,2,2,2,2,2,2,2,2,2,1,1,2,2,2,2	NA
Overlap	NA	

	Replicate 1	Replicate 2
	548 2916 chr17:74557192 74557207 74557222 74557237 74557252 74557267 BloodGm12878Rep1_cluster_6038; snR38B; + strand; Ticks on x-axis are at 15 nucleotides interval 1339 8669 chr17:74557192 74557207 74557222 74557237 74557252 74557267 BrainSknshraRep1_cluster_5490; snR38B; + strand; Ticks on x-axis are at 15 nucleotides interval 406 2532 chr17:74557192 74557207 74557222 74557237 74557252 74557267 BreastMcf7Rep1_cluster_4895; snR38B; + strand; Ticks on x-axis are at 15 nucleotides interval 1250 14547 chr17:74557192 74557207 74557222 74557237 74557252 74557267 CervixHelas3Rep1_cluster_5796; snR38B; + strand; Ticks on x-axis are at 15 nucleotides interval 626 4534 chr17:74557192 74557207 74557222 74557237 74557252 74557267 EpitheliumA549Rep1_cluster_4925; snR38B; + strand; Ticks on x-axis are at 15 nucleotides interval 434 7394 chr17:74557192 74557207 74557222 74557237 74557252 74557267 EscH1hescRep1_cluster_4577; snR38B; + strand; Ticks on x-axis are at 15 nucleotides interval 73126 6321 chr17:74557192 74557207 74557222 74557237 74557252 74557267 LiverHepg2Rep1_cluster_2261; snR38B; + strand; Ticks on x-axis are at 15 nucleotides interval 1655 3567 chr17:74557192 74557207 74557222 74557237 74557252 74557267 LungAg04450Rep1_cluster_5310; snR38B; + strand; Ticks on x-axis are at 15 nucleotides interval 4599 3082 chr17:74557192 74557207 74557222 74557237 74557252 74557267 SkinBjRep1_cluster_2397; snR38B; + strand; Ticks on x-axis are at 15 nucleotides interval	518 3845 chr17:74557192 74557207 74557222 74557237 74557252 74557267 BloodGm12878Rep2_cluster_7221; snR38B; + strand; Ticks on x-axis are at 15 nucleotides interval 1008 8166 chr17:74557192 74557207 74557222 74557237 74557252 74557267 BrainSknshraRep2_cluster_4826; snR38B; + strand; Ticks on x-axis are at 15 nucleotides interval 407 5992 chr17:74557192 74557207 74557222 74557237 74557252 74557267 BreastMcf7Rep2_cluster_4930; snR38B; + strand; Ticks on x-axis are at 15 nucleotides interval 566 12809 chr17:74557192 74557207 74557222 74557237 74557252 74557267 CervixHelas3Rep2_cluster_5838; snR38B; + strand; Ticks on x-axis are at 15 nucleotides interval 750 5717 chr17:74557192 74557207 74557222 74557237 74557252 74557267 EpitheliumA549Rep2_cluster_4020; snR38B; + strand; Ticks on x-axis are at 15 nucleotides interval 371 6075 chr17:74557192 74557207 74557222 74557237 74557252 74557267 EscH1hescRep2_cluster_5243; snR38B; + strand; Ticks on x-axis are at 15 nucleotides interval 21507 5397 chr17:74557192 74557207 74557222 74557237 74557252 74557267 LiverHepg2Rep2_cluster_3880; snR38B; + strand; Ticks on x-axis are at 15 nucleotides interval 1054 2468 chr17:74557192 74557207 74557222 74557237 74557252 74557267 LungAg04450Rep2_cluster_5792; snR38B; + strand; Ticks on x-axis are at 15 nucleotides interval 536 12491 chr17:74557192 74557207 74557222 74557237 74557252 74557267 SkinBjRep2_cluster_4149; snR38B; + strand; Ticks on x-axis are at 15 nucleotides interval
Identifer	bgP_74557192_74557268_chr17.conserved	NA
Cluster score	0.24	NA
Clusters	2,2,2,2,2,2,2,2,2,2,2,3,3,1,1,0,0	NA
Overlap	NA	

	126  612  chr9:127456002 127456014 127456026 127456038 127456050 127456062 BloodGm12878Rep1_cluster_15271; hsa-mir-181b-2; + strand; Ticks on x-axis are at 12 nucleotides interval 611  556  chr9:127456002 127456014 127456026 127456038 127456050 127456062 BrainSknsbraRep1_cluster_14029; hsa-mir-181b-2; + strand; Ticks on x-axis are at 12 nucleotides interval 62  1  chr9:127456002 127456014 127456026 127456038 127456050 127456062 BreastMcf7Rep1_cluster_12341; hsa-mir-181b-2; + strand; Ticks on x-axis are at 12 nucleotides interval 86  589  chr9:127456002 127456014 127456026 127456038 127456050 127456062 CervixHelas3Rep1_cluster_14718; hsa-mir-181b-2; + strand; Ticks on x-axis are at 12 nucleotides interval 476  308  chr9:127456002 127456014 127456026 127456038 127456050 127456062 EpitheliumA549Rep1_cluster_12447; hsa-mir-181b-2; + strand; Ticks on x-axis are at 12 nucleotides interval 2  11  chr9:127456002 127456014 127456026 127456038 127456050 127456062 EscH1hescRep1_cluster_11742; hsa-mir-181b-2; + strand; Ticks on x-axis are at 12 nucleotides interval 35  15  chr9:127456002 127456014 127456026 127456038 127456050 127456062 LiverHepg2Rep1_cluster_5665; hsa-mir-181b-2; + strand; Ticks on x-axis are at 12 nucleotides interval 714  699  chr9:127456002 127456014 127456026 127456038 127456050 127456062 LungAg04450Rep1_cluster_13370; hsa-mir-181b-2; + strand; Ticks on x-axis are at 12 nucleotides interval 94  555  chr9:127456002 127456014 127456026 127456038 127456050 127456062 SkinBjRep1_cluster_5869; hsa-mir-181b-2; + strand; Ticks on x-axis are at 12 nucleotides interval	185  560  chr9:127456002 127456014 127456026 127456038 127456050 127456062 BloodGm12878Rep2_cluster_18217; hsa-mir-181b-2; + strand; Ticks on x-axis are at 12 nucleotides interval 572  674  chr9:127456002 127456014 127456026 127456038 127456050 127456062 BrainSknsbraRep2_cluster_12324; hsa-mir-181b-2; + strand; Ticks on x-axis are at 12 nucleotides interval 75  2  chr9:127456002 127456014 127456026 127456038 127456050 127456062 BreastMcf7Rep2_cluster_12563; hsa-mir-181b-2; + strand; Ticks on x-axis are at 12 nucleotides interval 50  1295  chr9:127456002 127456014 127456026 127456038 127456050 127456062 CervixHelas3Rep2_cluster_14770; hsa-mir-181b-2; + strand; Ticks on x-axis are at 12 nucleotides interval 374  730  chr9:127456002 127456014 127456026 127456038 127456050 127456062 EpitheliumA549Rep2_cluster_10073; hsa-mir-181b-2; + strand; Ticks on x-axis are at 12 nucleotides interval 2  12  chr9:127456002 127456014 127456026 127456038 127456050 127456062 EscH1hescRep2_cluster_13585; hsa-mir-181b-2; + strand; Ticks on x-axis are at 12 nucleotides interval 42  20  chr9:127456002 127456014 127456026 127456038 127456050 127456062 LiverHepg2Rep2_cluster_9814; hsa-mir-181b-2; + strand; Ticks on x-axis are at 12 nucleotides interval 948  440  chr9:127456002 127456014 127456026 127456038 127456050 127456062 LungAg04450Rep2_cluster_14616; hsa-mir-181b-2; + strand; Ticks on x-axis are at 12 nucleotides interval 304  2643  chr9:127456002 127456014 127456026 127456038 127456050 127456062 SkinBjRep2_cluster_10395; hsa-mir-181b-2; + strand; Ticks on x-axis are at 12 nucleotides interval
Identifer	bgP_127456002_127456062_chr9.conserved	NA
Cluster score	0.24	NA
Clusters	0,0,2,2,1,1,0,0,0,0,3,3,2,2,2,2,3,3	NA
Overlap	NA	

	Replicate 1	Replicate 2
	8361692 chr10:120819651 120819626 120819601 120819576 120819551 120819526 BloodGm12878Rep1_cluster_2118; ACA19; - strand; Ticks on x-axis are at 25 nucleotides interval 201041212 chr10:120819651 120819626 120819601 120819576 120819551 120819526 BrainSknshraRep1_cluster_1921; ACA19; - strand; Ticks on x-axis are at 25 nucleotides interval 321192 chr10:120819651 120819626 120819601 120819576 120819551 120819526 BreastMcf7Rep1_cluster_1688; ACA19; - strand; Ticks on x-axis are at 25 nucleotides interval 6355177 chr10:120819651 120819626 120819601 120819576 120819551 120819526 CervixHelas3Rep1_cluster_2047; ACA19; - strand; Ticks on x-axis are at 25 nucleotides interval 241065 chr10:120819651 120819626 120819601 120819576 120819551 120819526 EpitheliumA549Rep1_cluster_1715; ACA19; - strand; Ticks on x-axis are at 25 nucleotides interval 77111233 chr10:120819651 120819626 120819601 120819576 120819551 120819526 EscH1hescRep1_cluster_1591; ACA19; - strand; Ticks on x-axis are at 25 nucleotides interval 3841341746 chr10:120819651 120819626 120819601 120819576 120819551 120819526 LiverHepg2Rep1_cluster_825; ACA19; - strand; Ticks on x-axis are at 25 nucleotides interval 1481354 chr10:120819651 120819626 120819601 120819576 120819551 120819526 LungAg04450Rep1_cluster_1865; ACA19; - strand; Ticks on x-axis are at 25 nucleotides interval 674493 chr10:120819651 120819626 120819601 120819576 120819551 120819526 SkinBjRep1_cluster_854; ACA19; - strand; Ticks on x-axis are at 25 nucleotides interval	8261665 chr10:120819651 120819626 120819601 120819576 120819551 120819526 BloodGm12878Rep2_cluster_2529; ACA19; - strand; Ticks on x-axis are at 25 nucleotides interval 4434912 chr10:120819651 120819626 120819601 120819576 120819551 120819526 BrainSknshraRep2_cluster_1717; ACA19; - strand; Ticks on x-axis are at 25 nucleotides interval 422785 chr10:120819651 120819626 120819601 120819576 120819551 120819526 BreastMcf7Rep2_cluster_1741; ACA19; - strand; Ticks on x-axis are at 25 nucleotides interval 122654511 chr10:120819651 120819626 120819601 120819576 120819551 120819526 CervixHelas3Rep2_cluster_2058; ACA19; - strand; Ticks on x-axis are at 25 nucleotides interval 411493 chr10:120819651 120819626 120819601 120819576 120819551 120819526 EpitheliumA549Rep2_cluster_1427; ACA19; - strand; Ticks on x-axis are at 25 nucleotides interval 5081102 chr10:120819651 120819626 120819601 120819576 120819551 120819526 EscH1hescRep2_cluster_1852; ACA19; - strand; Ticks on x-axis are at 25 nucleotides interval 21372961 chr10:120819651 120819626 120819601 120819576 120819551 120819526 LiverHepg2Rep2_cluster_1415; ACA19; - strand; Ticks on x-axis are at 25 nucleotides interval 541124 chr10:120819651 120819626 120819601 120819576 120819551 120819526 LungAg04450Rep2_cluster_2036; ACA19; - strand; Ticks on x-axis are at 25 nucleotides interval 3322474 chr10:120819651 120819626 120819601 120819576 120819551 120819526 SkinBjRep2_cluster_1443; ACA19; - strand; Ticks on x-axis are at 25 nucleotides interval
Identifer	bgN_120819526_120819651_chr10.conserved	NA
Cluster score	0.24	NA
Clusters	2,2,2,2,2,2,2,2,2,2,2,2,1,1,2,2,2,2	NA
Overlap	NA	

	Replicate 1	Replicate 2
	57586 chr4:758431875843297584340758435175843627584373 BloodGm12878Rep1_cluster_10605; 28S_rRNA-related; + strand; Ticks on x-axis are at 11 nucleotides interval 102947 chr4:758431875843297584340758435175843627584373 BrainSknshraRep1_cluster_9602; 28S_rRNA-related; + strand; Ticks on x-axis are at 11 nucleotides interval 48241 chr4:758431875843297584340758435175843627584373 BreastMcf7Rep1_cluster_8533; 28S_rRNA-related; + strand; Ticks on x-axis are at 11 nucleotides interval 93634 chr4:758431875843297584340758435175843627584373 CervixHelas3Rep1_cluster_10024; 28S_rRNA-related; + strand; Ticks on x-axis are at 11 nucleotides interval 701514 chr4:758431875843297584340758435175843627584373 EpitheliumA549Rep1_cluster_8582; 28S_rRNA-related; + strand; Ticks on x-axis are at 11 nucleotides interval 200596 chr4:758431875843297584340758435175843627584373 EschH1hescRep1_cluster_7903; 28S_rRNA-related; + strand; Ticks on x-axis are at 11 nucleotides interval 372 chr4:758431875843297584340758435175843627584373 LiverHepg2Rep1_cluster_3808; 28S_rRNA-related; + strand; Ticks on x-axis are at 11 nucleotides interval 107518 chr4:758431875843297584340758435175843627584373 LungAg04450Rep1_cluster_9149; 28S_rRNA-related; + strand; Ticks on x-axis are at 11 nucleotides interval 356108 chr4:758431875843297584340758435175843627584373 SkinBjRep1_cluster_4000; 28S_rRNA-related; + strand; Ticks on x-axis are at 11 nucleotides interval	52678 chr4:758431875843297584340758435175843627584373 BloodGm12878Rep2_cluster_12683; 28S_rRNA-related; + strand; Ticks on x-axis are at 11 nucleotides interval 100708 chr4:758431875843297584340758435175843627584373 BrainSknshraRep2_cluster_8450; 28S_rRNA-related; + strand; Ticks on x-axis are at 11 nucleotides interval 85557 chr4:758431875843297584340758435175843627584373 BreastMcf7Rep2_cluster_8640; 28S_rRNA-related; + strand; Ticks on x-axis are at 11 nucleotides interval 49705 chr4:758431875843297584340758435175843627584373 CervixHelas3Rep2_cluster_10039; 28S_rRNA-related; + strand; Ticks on x-axis are at 11 nucleotides interval 87449 chr4:758431875843297584340758435175843627584373 EpitheliumA549Rep2_cluster_6921; 28S_rRNA-related; + strand; Ticks on x-axis are at 11 nucleotides interval 142475 chr4:758431875843297584340758435175843627584373 EschH1hescRep2_cluster_9186; 28S_rRNA-related; + strand; Ticks on x-axis are at 11 nucleotides interval 534 chr4:758431875843297584340758435175843627584373 LiverHepg2Rep2_cluster_6689; 28S_rRNA-related; + strand; Ticks on x-axis are at 11 nucleotides interval 88507 chr4:758431875843297584340758435175843627584373 LungAg04450Rep2_cluster_10118; 28S_rRNA-related; + strand; Ticks on x-axis are at 11 nucleotides interval 2088470 chr4:758431875843297584340758435175843627584373 SkinBjRep2_cluster_7076; 28S_rRNA-related; + strand; Ticks on x-axis are at 11 nucleotides interval
Identifer	bgP_7584318_7584358_chr4.conserved	NA
Cluster score	0.24	NA
Clusters	1,1,1,1,1,1,1,1,1,1,1,2,2,1,1,2,2	NA
Overlap	NA	

	Replicate 1	Replicate 2
	1812975 chr10:103124688103124671103124654103124637103124620103124603 BloodGm12878Rep1_cluster_2067; U2; - strand; Ticks on x-axis are at 17 nucleotides interval 177081 chr10:103124688103124671103124654103124637103124620103124603 BrainSknshraRep1_cluster_1873; U2; - strand; Ticks on x-axis are at 17 nucleotides interval 1541 chr10:103124688103124671103124654103124637103124620103124603 BreastMcf7Rep1_cluster_1632; U2; - strand; Ticks on x-axis are at 17 nucleotides interval 1711376 chr10:103124688103124671103124654103124637103124620103124603 CervixHelas3Rep1_cluster_1989; U2; - strand; Ticks on x-axis are at 17 nucleotides interval 228789 chr10:103124688103124671103124654103124637103124620103124603 EpitheliumA549Rep1_cluster_1679; U2; - strand; Ticks on x-axis are at 17 nucleotides interval 31234 chr10:103124688103124671103124654103124637103124620103124603 EscH1hescRep1_cluster_1550; U2; - strand; Ticks on x-axis are at 17 nucleotides interval 3051312 chr10:103124688103124671103124654103124637103124620103124603 LiverHepg2Rep1_cluster_810; U2; - strand; Ticks on x-axis are at 17 nucleotides interval 105458 chr10:103124688103124671103124654103124637103124620103124603 LungAg04450Rep1_cluster_1815; U2; - strand; Ticks on x-axis are at 17 nucleotides interval 5831536 chr10:103124688103124671103124654103124637103124620103124603 SkinBjRep1_cluster_840; U2; - strand; Ticks on x-axis are at 17 nucleotides interval	3215026 chr10:103124688103124671103124654103124637103124620103124603 BloodGm12878Rep2_cluster_2471; U2; - strand; Ticks on x-axis are at 17 nucleotides interval 116163 chr10:103124688103124671103124654103124637103124620103124603 BrainSknshraRep2_cluster_1675; U2; - strand; Ticks on x-axis are at 17 nucleotides interval 31243 chr10:103124688103124671103124654103124637103124620103124603 BreastMcf7Rep2_cluster_1683; U2; - strand; Ticks on x-axis are at 17 nucleotides interval 537821 chr10:103124688103124671103124654103124637103124620103124603 CervixHelas3Rep2_cluster_1996; U2; - strand; Ticks on x-axis are at 17 nucleotides interval 65596 chr10:103124688103124671103124654103124637103124620103124603 EpitheliumA549Rep2_cluster_1391; U2; - strand; Ticks on x-axis are at 17 nucleotides interval 11150 chr10:103124688103124671103124654103124637103124620103124603 EscH1hescRep2_cluster_1812; U2; - strand; Ticks on x-axis are at 17 nucleotides interval 7273513 chr10:103124688103124671103124654103124637103124620103124603 LiverHepg2Rep2_cluster_1386; U2; - strand; Ticks on x-axis are at 17 nucleotides interval 1912742 chr10:103124688103124671103124654103124637103124620103124603 LungAg04450Rep2_cluster_1980; U2; - strand; Ticks on x-axis are at 17 nucleotides interval 311552 chr10:103124688103124671103124654103124637103124620103124603 SkinBjRep2_cluster_1404; U2; - strand; Ticks on x-axis are at 17 nucleotides interval
Identifer	bgN_103124603_103124643.chr10.conserved	NA
Cluster score	0.24	NA
Clusters	2,2,2,2,2,0,0,2,2,2,2,1,1,2,2,0,0	NA
Overlap	NA	

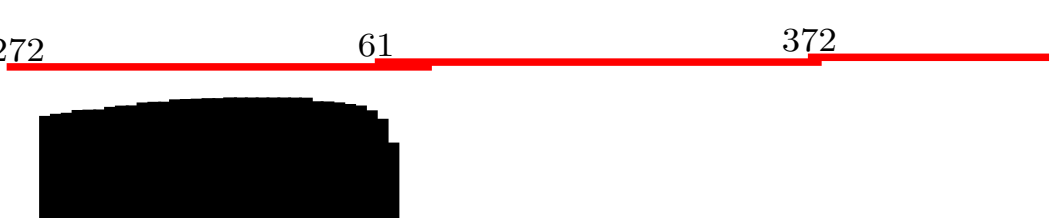
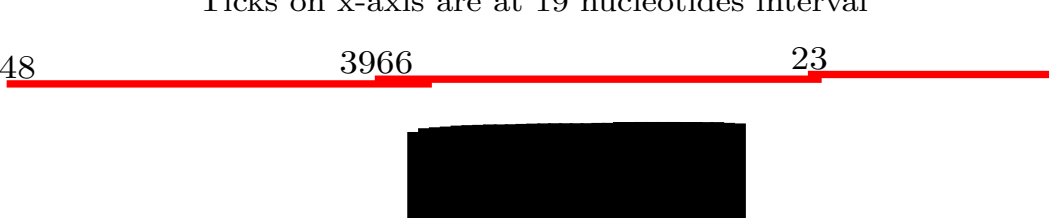
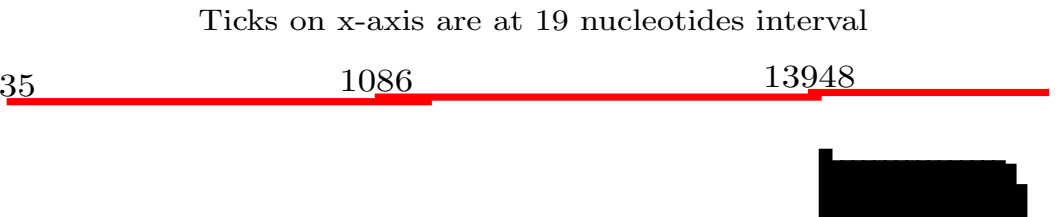
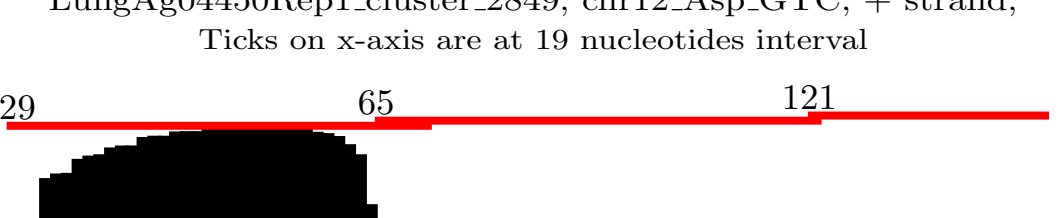
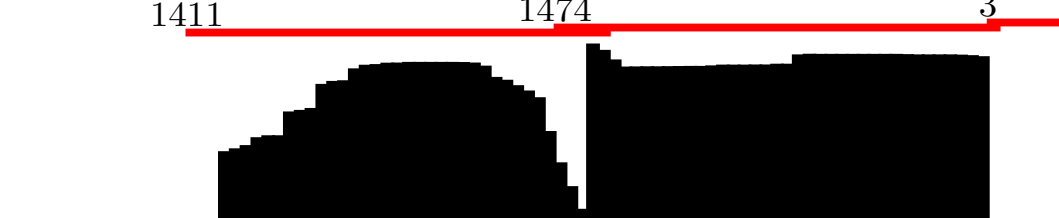
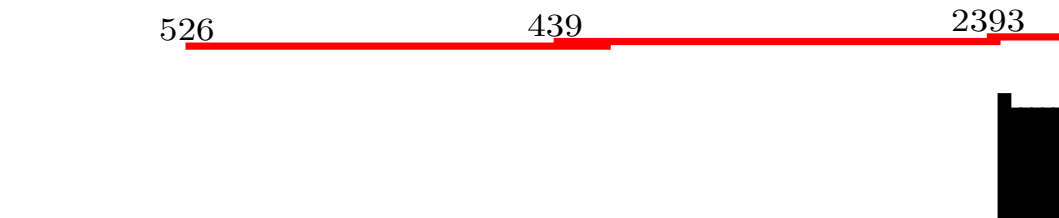
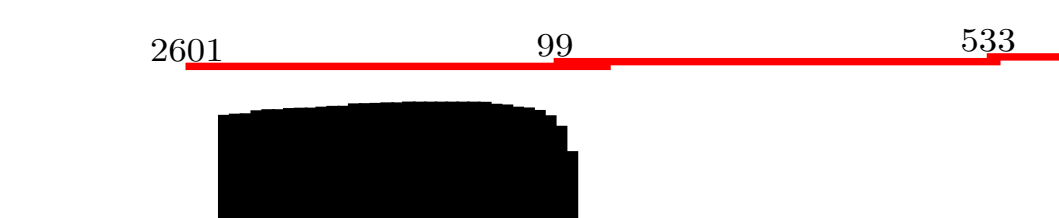
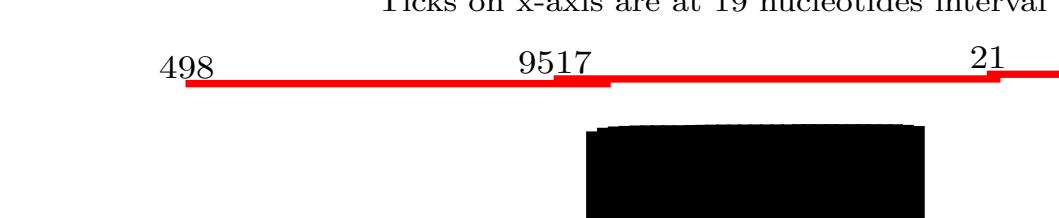
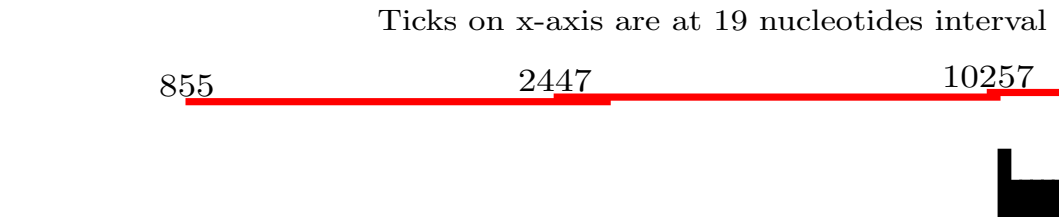
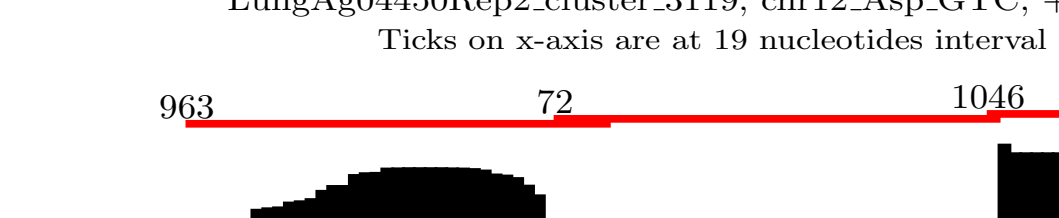
	Replicate 1	Replicate 2
	513 chr6:276559592765598027656001276560222765604327656064 BloodGm12878Rep1_cluster_12505; chr6_Ile_AAT; + strand; Ticks on x-axis are at 21 nucleotides interval 425 chr6:276559592765598027656001276560222765604327656064 BrainSknshraRep1_cluster_11427; chr6_Ile_AAT; + strand; Ticks on x-axis are at 21 nucleotides interval 90 chr6:276559592765598027656001276560222765604327656064 BreastMcf7Rep1_cluster_10144; chr6_Ile_AAT; + strand; Ticks on x-axis are at 21 nucleotides interval 288 chr6:276559592765598027656001276560222765604327656064 CervixHelas3Rep1_cluster_12043; chr6_Ile_AAT; + strand; Ticks on x-axis are at 21 nucleotides interval 261 chr6:276559592765598027656001276560222765604327656064 EpitheliumA549Rep1_cluster_10191; chr6_Ile_AAT; + strand; Ticks on x-axis are at 21 nucleotides interval 119 chr6:276559592765598027656001276560222765604327656064 EscH1hescRep1_cluster_9484; chr6_Ile_AAT; + strand; Ticks on x-axis are at 21 nucleotides interval 93 chr6:276559592765598027656001276560222765604327656064 LiverHepg2Rep1_cluster_4550; chr6_Ile_AAT; + strand; Ticks on x-axis are at 21 nucleotides interval 361 chr6:276559592765598027656001276560222765604327656064 LungAg04450Rep1_cluster_10881; chr6_Ile_AAT; + strand; Ticks on x-axis are at 21 nucleotides interval 82 chr6:276559592765598027656001276560222765604327656064 SkinBjRep1_cluster_4795; chr6_Ile_AAT; + strand; Ticks on x-axis are at 21 nucleotides interval	756 chr6:276559592765598027656001276560222765604327656064 BloodGm12878Rep2_cluster_14922; chr6_Ile_AAT; + strand; Ticks on x-axis are at 21 nucleotides interval 370 chr6:276559592765598027656001276560222765604327656064 BrainSknshraRep2_cluster_10058; chr6_Ile_AAT; + strand; Ticks on x-axis are at 21 nucleotides interval 167 chr6:276559592765598027656001276560222765604327656064 BreastMcf7Rep2_cluster_10243; chr6_Ile_AAT; + strand; Ticks on x-axis are at 21 nucleotides interval 40 chr6:276559592765598027656001276560222765604327656064 CervixHelas3Rep2_cluster_12030; chr6_Ile_AAT; + strand; Ticks on x-axis are at 21 nucleotides interval 311 chr6:276559592765598027656001276560222765604327656064 EpitheliumA549Rep2_cluster_8227; chr6_Ile_AAT; + strand; Ticks on x-axis are at 21 nucleotides interval 75 chr6:276559592765598027656001276560222765604327656064 EscH1hescRep2_cluster_11010; chr6_Ile_AAT; + strand; Ticks on x-axis are at 21 nucleotides interval 280 chr6:276559592765598027656001276560222765604327656064 LiverHepg2Rep2_cluster_7970; chr6_Ile_AAT; + strand; Ticks on x-axis are at 21 nucleotides interval 336 chr6:276559592765598027656001276560222765604327656064 LungAg04450Rep2_cluster_11962; chr6_Ile_AAT; + strand; Ticks on x-axis are at 21 nucleotides interval 53 chr6:276559592765598027656001276560222765604327656064 SkinBjRep2_cluster_8479; chr6_Ile_AAT; + strand; Ticks on x-axis are at 21 nucleotides interval
Identifer	bgP_27655959_27656061_chr6.conserved	NA
Cluster score	0.23	NA
Clusters	1,1,0,0,0,0,0,1,1,0,0,0,0,0,0,0	NA
Overlap	NA	

	Replicate 1	Replicate 2
	70738826726 chr7:148638576148638594148638612148638630148638648148638666 BloodGm12878Rep1_cluster_13794; hY5_RNA; + strand; Ticks on x-axis are at 18 nucleotides interval 223678515489 chr7:148638576148638594148638612148638630148638648148638666 BrainSknshraRep1_cluster_12675; hY5_RNA; + strand; Ticks on x-axis are at 18 nucleotides interval 40138481154 chr7:148638576148638594148638612148638630148638648148638666 BreastMcf7Rep1_cluster_11152; hY5_RNA; + strand; Ticks on x-axis are at 18 nucleotides interval 11404261541 chr7:148638576148638594148638612148638630148638648148638666 CervixHelas3Rep1_cluster_13312; hY5_RNA; + strand; Ticks on x-axis are at 18 nucleotides interval 69758192580 chr7:148638576148638594148638612148638630148638648148638666 EpitheliumA549Rep1_cluster_11231; hY5_RNA; + strand; Ticks on x-axis are at 18 nucleotides interval 61027105 chr7:148638576148638594148638612148638630148638648148638666 EscH1hescRep1_cluster_10571; hY5_RNA; + strand; Ticks on x-axis are at 18 nucleotides interval 1350767293 chr7:148638576148638594148638612148638630148638648148638666 LiverHepg2Rep1_cluster_5102; hY5_RNA; + strand; Ticks on x-axis are at 18 nucleotides interval 316456391620 chr7:148638576148638594148638612148638630148638648148638666 LungAg04450Rep1_cluster_12080; hY5_RNA; + strand; Ticks on x-axis are at 18 nucleotides interval 646724206 chr7:148638576148638594148638612148638630148638648148638666 SkinBjRep1_cluster_5331; hY5_RNA; + strand; Ticks on x-axis are at 18 nucleotides interval	7710271246 chr7:148638576148638594148638612148638630148638648148638666 BloodGm12878Rep2_cluster_16448; hY5_RNA; + strand; Ticks on x-axis are at 18 nucleotides interval 314736604181 chr7:148638576148638594148638612148638630148638648148638666 BrainSknshraRep2_cluster_11134; hY5_RNA; + strand; Ticks on x-axis are at 18 nucleotides interval 92049471972 chr7:148638576148638594148638612148638630148638648148638666 BreastMcf7Rep2_cluster_11319; hY5_RNA; + strand; Ticks on x-axis are at 18 nucleotides interval 3882191012 chr7:148638576148638594148638612148638630148638648148638666 CervixHelas3Rep2_cluster_13309; hY5_RNA; + strand; Ticks on x-axis are at 18 nucleotides interval 110142131788 chr7:148638576148638594148638612148638630148638648148638666 EpitheliumA549Rep2_cluster_9084; hY5_RNA; + strand; Ticks on x-axis are at 18 nucleotides interval 373311117 chr7:148638576148638594148638612148638630148638648148638666 EscH1hescRep2_cluster_12237; hY5_RNA; + strand; Ticks on x-axis are at 18 nucleotides interval 1123547421 chr7:148638576148638594148638612148638630148638648148638666 LiverHepg2Rep2_cluster_8846; hY5_RNA; + strand; Ticks on x-axis are at 18 nucleotides interval 239883332258 chr7:148638576148638594148638612148638630148638648148638666 LungAg04450Rep2_cluster_13199; hY5_RNA; + strand; Ticks on x-axis are at 18 nucleotides interval 465329897 chr7:148638576148638594148638612148638630148638648148638666 SkinBjRep2_cluster_9407; hY5_RNA; + strand; Ticks on x-axis are at 18 nucleotides interval
Identifer	bgP_148638576_148638617_chr7.conserved	NA
Cluster score	0.23	NA
Clusters	2,2,0,0,0,0,2,2,0,0,0,0,1,1,0,0,0,0	NA
Overlap	NA	

	Replicate 1	Replicate 2
	10977 1473597 chr1:173836080173836019173835958173835897173835836173835775 BloodGm12878Rep1_cluster_1241; U75; - strand; Ticks on x-axis are at 61 nucleotides interval 10427 4510949 chr1:173836080173836019173835958173835897173835836173835775 BrainSknshraRep1_cluster_1114; U75; - strand; Ticks on x-axis are at 61 nucleotides interval 4397 1213368 chr1:173836080173836019173835958173835897173835836173835775 BreastMcf7Rep1_cluster_985; U75; - strand; Ticks on x-axis are at 61 nucleotides interval 24064 101352016 chr1:173836080173836019173835958173835897173835836173835775 CervixHelas3Rep1_cluster_1156; U75; - strand; Ticks on x-axis are at 61 nucleotides interval 6871 463397 chr1:173836080173836019173835958173835897173835836173835775 EpitheliumA549Rep1_cluster_993; U75; - strand; Ticks on x-axis are at 61 nucleotides interval 1729 134541042 chr1:173836080173836019173835958173835897173835836173835775 EscH1hescRep1_cluster_994; U76; - strand; Ticks on x-axis are at 61 nucleotides interval 10379 599431364 chr1:173836080173836019173835958173835897173835836173835775 LiverHepg2Rep1_cluster_535; U75; - strand; Ticks on x-axis are at 61 nucleotides interval 14862 1877804 chr1:173836080173836019173835958173835897173835836173835775 LungAg04450Rep1_cluster_1075; U75; - strand; Ticks on x-axis are at 61 nucleotides interval 15886 227992344 chr1:173836080173836019173835958173835897173835836173835775 SkinBjRep1_cluster_545; U75; - strand; Ticks on x-axis are at 61 nucleotides interval	19108 867911 chr1:173836080173836019173835958173835897173835836173835775 BloodGm12878Rep2_cluster_1459; U75; - strand; Ticks on x-axis are at 61 nucleotides interval 8657 10951907 chr1:173836080173836019173835958173835897173835836173835775 BrainSknshraRep2_cluster_998; U75; - strand; Ticks on x-axis are at 61 nucleotides interval 5939 1577735 chr1:173836080173836019173835958173835897173835836173835775 BreastMcf7Rep2_cluster_1030; U75; - strand; Ticks on x-axis are at 61 nucleotides interval 1280 67061368 chr1:173836080173836019173835958173835897173835836173835775 CervixHelas3Rep2_cluster_1195; U75; - strand; Ticks on x-axis are at 61 nucleotides interval 5779 898529 chr1:173836080173836019173835958173835897173835836173835775 EpitheliumA549Rep2_cluster_833; U75; - strand; Ticks on x-axis are at 61 nucleotides interval 1036 8622867 chr1:173836080173836019173835958173835897173835836173835775 EscH1hescRep2_cluster_1142; U75; - strand; Ticks on x-axis are at 61 nucleotides interval 16851 81991059 chr1:173836080173836019173835958173835897173835836173835775 LiverHepg2Rep2_cluster_859; U75; - strand; Ticks on x-axis are at 61 nucleotides interval 18124 1044649 chr1:173836080173836019173835958173835897173835836173835775 LungAg04450Rep2_cluster_1179; U75; - strand; Ticks on x-axis are at 61 nucleotides interval 1620 98791505 chr1:173836080173836019173835958173835897173835836173835775 SkinBjRep2_cluster_845; U75; - strand; Ticks on x-axis are at 61 nucleotides interval
Identifer	bgN_173835776_173835852.chr1.conserved	NA
Cluster score	0.23	NA
Clusters	1,1,0,0,1,1,0,0,1,1,2,2,0,0,1,1,0,0	NA
Overlap	NA	

	Replicate 1	Replicate 2
	15394928 chr17:223366022336432233626223360922335922233575 BloodGm12878Rep1_cluster_6099; HBII-296A; - strand; Ticks on x-axis are at 17 nucleotides interval 301410855 chr17:223366022336432233626223360922335922233575 BrainSknsbraRep1_cluster_5543; HBII-296A; - strand; Ticks on x-axis are at 17 nucleotides interval 5661798 chr17:223366022336432233626223360922335922233575 BreastMcf7Rep1_cluster_4928; HBII-296A; - strand; Ticks on x-axis are at 17 nucleotides interval 18971239 chr17:223366022336432233626223360922335922233575 CervixHelas3Rep1_cluster_5856; HBII-296A; - strand; Ticks on x-axis are at 17 nucleotides interval 11796104 chr17:223366022336432233626223360922335922233575 EpitheliumA549Rep1_cluster_4972; HBII-296A; - strand; Ticks on x-axis are at 17 nucleotides interval 66818 chr17:223366022336432233626223360922335922233575 EscH1hescrep1_cluster_4612; HBII-296A; - strand; Ticks on x-axis are at 17 nucleotides interval 3524204 chr17:223366022336432233626223360922335922233575 LiverHepg2Rep1_cluster_2286; HBII-296A; - strand; Ticks on x-axis are at 17 nucleotides interval 15231466 chr17:223366022336432233626223360922335922233575 LungAg04450Rep1_cluster_5356; HBII-296A; - strand; Ticks on x-axis are at 17 nucleotides interval 186924 chr17:223366022336432233626223360922335922233575 SkinBjRep1_cluster_2419; HBII-296A; - strand; Ticks on x-axis are at 17 nucleotides interval	14486570 chr17:223366022336432233626223360922335922233575 BloodGm12878Rep2_cluster_7307; HBII-296A; - strand; Ticks on x-axis are at 17 nucleotides interval 18695775 chr17:223366022336432233626223360922335922233575 BrainSknsbraRep2_cluster_4870; HBII-296A; - strand; Ticks on x-axis are at 17 nucleotides interval 7702203 chr17:223366022336432233626223360922335922233575 BreastMcf7Rep2_cluster_4981; HBII-296A; - strand; Ticks on x-axis are at 17 nucleotides interval 410283 chr17:223366022336432233626223360922335922233575 CervixHelas3Rep2_cluster_5889; HBII-296A; - strand; Ticks on x-axis are at 17 nucleotides interval 11843520 chr17:223366022336432233626223360922335922233575 EpitheliumA549Rep2_cluster_4057; HBII-296A; - strand; Ticks on x-axis are at 17 nucleotides interval 24223 chr17:223366022336432233626223360922335922233575 EscH1hescrep2_cluster_5282; HBII-296A; - strand; Ticks on x-axis are at 17 nucleotides interval 1800173 chr17:223366022336432233626223360922335922233575 LiverHepg2Rep2_cluster_3919; HBII-296A; - strand; Ticks on x-axis are at 17 nucleotides interval 11752870 chr17:223366022336432233626223360922335922233575 LungAg04450Rep2_cluster_5846; HBII-296A; - strand; Ticks on x-axis are at 17 nucleotides interval 21875 chr17:223366022336432233626223360922335922233575 SkinBjRep2_cluster_4184; HBII-296A; - strand; Ticks on x-axis are at 17 nucleotides interval
Identifer	bgN_2233576_2233660_chr17.conserved	NA
Cluster score	0.23	NA
Clusters	1,1,1,1,1,1,2,2,1,1,0,0,3,3,0,0,0,0	NA
Overlap	NA	

	Replicate 1	Replicate 2
	705262 chr1:210547616 210547597 210547578 210547559 210547540 210547521 BloodGm12878Rep1_cluster_1344; U5A-related; - strand; Ticks on x-axis are at 19 nucleotides interval 182539 chr1:210547616 210547597 210547578 210547559 210547540 210547521 BrainSknshraRep1_cluster_1215; U5A-related; - strand; Ticks on x-axis are at 19 nucleotides interval 166619 chr1:210547616 210547597 210547578 210547559 210547540 210547521 BreastMcf7Rep1_cluster_1071; U5A-related; - strand; Ticks on x-axis are at 19 nucleotides interval 20415250 chr1:210547616 210547597 210547578 210547559 210547540 210547521 CervixHelas3Rep1_cluster_1245; U5A-related; - strand; Ticks on x-axis are at 19 nucleotides interval 193956 chr1:210547616 210547597 210547578 210547559 210547540 210547521 EpitheliumA549Rep1_cluster_1072; U5A-related; - strand; Ticks on x-axis are at 19 nucleotides interval 475332 chr1:210547616 210547597 210547578 210547559 210547540 210547521 EscH1hescRep1_cluster_1067; U5A-related; - strand; Ticks on x-axis are at 19 nucleotides interval 102233 chr1:210547616 210547597 210547578 210547559 210547540 210547521 LiverHepg2Rep1_cluster_578; U5A-related; - strand; Ticks on x-axis are at 19 nucleotides interval 621444 chr1:210547616 210547597 210547578 210547559 210547540 210547521 LungAg04450Rep1_cluster_1172; U5A-related; - strand; Ticks on x-axis are at 19 nucleotides interval 2454 chr1:210547616 210547597 210547578 210547559 210547540 210547521 SkinBjRep1_cluster_584; U5A-related; - strand; Ticks on x-axis are at 19 nucleotides interval	989358 chr1:210547616 210547597 210547578 210547559 210547540 210547521 BloodGm12878Rep2_cluster_1584; U5A-related; - strand; Ticks on x-axis are at 19 nucleotides interval 169626 chr1:210547616 210547597 210547578 210547559 210547540 210547521 BrainSknshraRep2_cluster_1093; U5A-related; - strand; Ticks on x-axis are at 19 nucleotides interval 363561 chr1:210547616 210547597 210547578 210547559 210547540 210547521 BreastMcf7Rep2_cluster_1109; U5A-related; - strand; Ticks on x-axis are at 19 nucleotides interval 101146 chr1:210547616 210547597 210547578 210547559 210547540 210547521 CervixHelas3Rep2_cluster_1285; U5A-related; - strand; Ticks on x-axis are at 19 nucleotides interval 302990 chr1:210547616 210547597 210547578 210547559 210547540 210547521 EpitheliumA549Rep2_cluster_897; U5A-related; - strand; Ticks on x-axis are at 19 nucleotides interval 362126 chr1:210547616 210547597 210547578 210547559 210547540 210547521 EscH1hescRep2_cluster_1236; U5A-related; - strand; Ticks on x-axis are at 19 nucleotides interval 110271 chr1:210547616 210547597 210547578 210547559 210547540 210547521 LiverHepg2Rep2_cluster_928; U5A-related; - strand; Ticks on x-axis are at 19 nucleotides interval 371245 chr1:210547616 210547597 210547578 210547559 210547540 210547521 LungAg04450Rep2_cluster_1285; U5A-related; - strand; Ticks on x-axis are at 19 nucleotides interval 1357 chr1:210547616 210547597 210547578 210547559 210547540 210547521 SkinBjRep2_cluster_915; U5A-related; - strand; Ticks on x-axis are at 19 nucleotides interval
Identifier	bgN_210547523_210547614.chr1.conserved	NA
Cluster score	0.23	NA
Clusters	1,1,2,2,0,0,0,2,2,0,0,0,3,3,4,4	NA
Overlap	NA	

	Replicate 1	Replicate 2
	79812792474  chr12:98897277 98897296 98897315 98897334 98897353 98897372 BloodGm12878Rep1_cluster_3189; chr12_Asp_GTC; + strand; Ticks on x-axis are at 19 nucleotides interval 5267319287  chr12:98897277 98897296 98897315 98897334 98897353 98897372 BrainSknshraRep1_cluster_2972; chr12_Asp_GTC; + strand; Ticks on x-axis are at 19 nucleotides interval 3353726797  chr12:98897277 98897296 98897315 98897334 98897353 98897372 BreastMcf7Rep1_cluster_2620; chr12_Asp_GTC; + strand; Ticks on x-axis are at 19 nucleotides interval 88921422  chr12:98897277 98897296 98897315 98897334 98897353 98897372 CervixHelas3Rep1_cluster_3140; chr12_Asp_GTC; + strand; Ticks on x-axis are at 19 nucleotides interval 58811722734  chr12:98897277 98897296 98897315 98897334 98897353 98897372 EpitheliumA549Rep1_cluster_2651; chr12_Asp_GTC; + strand; Ticks on x-axis are at 19 nucleotides interval 227261372  chr12:98897277 98897296 98897315 98897334 98897353 98897372 EscH1hescRep1_cluster_2416; chr12_Asp_GTC; + strand; Ticks on x-axis are at 19 nucleotides interval 748396623  chr12:98897277 98897296 98897315 98897334 98897353 98897372 LiverHepg2Rep1_cluster_1214; chr12_Asp_GTC; + strand; Ticks on x-axis are at 19 nucleotides interval 635108613948  chr12:98897277 98897296 98897315 98897334 98897353 98897372 LungAg04450Rep1_cluster_2849; chr12_Asp_GTC; + strand; Ticks on x-axis are at 19 nucleotides interval 62965121  chr12:98897277 98897296 98897315 98897334 98897353 98897372 SkinBjRep1_cluster_1273; chr12_Asp_GTC; + strand; Ticks on x-axis are at 19 nucleotides interval	113044874336  chr12:98897277 98897296 98897315 98897334 98897353 98897372 BloodGm12878Rep2_cluster_3794; chr12_Asp_GTC; + strand; Ticks on x-axis are at 19 nucleotides interval 5544034969  chr12:98897277 98897296 98897315 98897334 98897353 98897372 BrainSknshraRep2_cluster_2587; chr12_Asp_GTC; + strand; Ticks on x-axis are at 19 nucleotides interval 6125348724  chr12:98897277 98897296 98897315 98897334 98897353 98897372 BreastMcf7Rep2_cluster_2646; chr12_Asp_GTC; + strand; Ticks on x-axis are at 19 nucleotides interval 141114743  chr12:98897277 98897296 98897315 98897334 98897353 98897372 CervixHelas3Rep2_cluster_3149; chr12_Asp_GTC; + strand; Ticks on x-axis are at 19 nucleotides interval 5264392393  chr12:98897277 98897296 98897315 98897334 98897353 98897372 EpitheliumA549Rep2_cluster_2167; chr12_Asp_GTC; + strand; Ticks on x-axis are at 19 nucleotides interval 260199533  chr12:98897277 98897296 98897315 98897334 98897353 98897372 EscH1hescRep2_cluster_2777; chr12_Asp_GTC; + strand; Ticks on x-axis are at 19 nucleotides interval 498951721  chr12:98897277 98897296 98897315 98897334 98897353 98897372 LiverHepg2Rep2_cluster_2081; chr12_Asp_GTC; + strand; Ticks on x-axis are at 19 nucleotides interval 855244710257  chr12:98897277 98897296 98897315 98897334 98897353 98897372 LungAg04450Rep2_cluster_3119; chr12_Asp_GTC; + strand; Ticks on x-axis are at 19 nucleotides interval 963721046  chr12:98897277 98897296 98897315 98897334 98897353 98897372 SkinBjRep2_cluster_2207; chr12_Asp_GTC; + strand; Ticks on x-axis are at 19 nucleotides interval
Identifer	bgP_98897277_98897347_chr12.conservd	NA
Cluster score	0.22	NA
Clusters	3,3,1,1,1,1,2,2,3,3,4,4,2,2,1,1,0,0	NA
Overlap	NA	

	Replicate 1	Replicate 2
	3652322 chr14:21099353 21099342 21099331 21099320 21099309 21099298 BloodGm12878Rep1_cluster_4471; chr14_Thr_TGT; - strand; Ticks on x-axis are at 11 nucleotides interval 742 chr14:21099353 21099342 21099331 21099320 21099309 21099298 BrainSknshraRep1_cluster_4132; chr14_Thr_TGT; - strand; Ticks on x-axis are at 11 nucleotides interval 87674 chr14:21099353 21099342 21099331 21099320 21099309 21099298 BreastMcf7Rep1_cluster_3654; chr14_Thr_TGT; - strand; Ticks on x-axis are at 11 nucleotides interval 4002924 chr14:21099353 21099342 21099331 21099320 21099309 21099298 CervixHelas3Rep1_cluster_4352; chr14_Thr_TGT; - strand; Ticks on x-axis are at 11 nucleotides interval 1021079 chr14:21099353 21099342 21099331 21099320 21099309 21099298 EpitheliumA549Rep1_cluster_3734; chr14_Thr_TGT; - strand; Ticks on x-axis are at 11 nucleotides interval 43416 chr14:21099353 21099342 21099331 21099320 21099309 21099298 EscH1hescRep1_cluster_3349; chr14_Thr_TGT; - strand; Ticks on x-axis are at 11 nucleotides interval 241175 chr14:21099353 21099342 21099331 21099320 21099309 21099298 LiverHepg2Rep1_cluster_1653; chr14_Thr_TGT; - strand; Ticks on x-axis are at 11 nucleotides interval 1711171 chr14:21099353 21099342 21099331 21099320 21099309 21099298 LungAg04450Rep1_cluster_4036; chr14_Thr_TGT; - strand; Ticks on x-axis are at 11 nucleotides interval 1982 chr14:21099353 21099342 21099331 21099320 21099309 21099298 SkinBjRep1_cluster_1797; chr14_Thr_TGT; - strand; Ticks on x-axis are at 11 nucleotides interval	10362077 chr14:21099353 21099342 21099331 21099320 21099309 21099298 BloodGm12878Rep2_cluster_5296; chr14_Thr_TGT; - strand; Ticks on x-axis are at 11 nucleotides interval 771 chr14:21099353 21099342 21099331 21099320 21099309 21099298 BrainSknshraRep2_cluster_3612; chr14_Thr_TGT; - strand; Ticks on x-axis are at 11 nucleotides interval 2481175 chr14:21099353 21099342 21099331 21099320 21099309 21099298 BreastMcf7Rep2_cluster_3637; chr14_Thr_TGT; - strand; Ticks on x-axis are at 11 nucleotides interval 2261014 chr14:21099353 21099342 21099331 21099320 21099309 21099298 CervixHelas3Rep2_cluster_4373; chr14_Thr_TGT; - strand; Ticks on x-axis are at 11 nucleotides interval 88822 chr14:21099353 21099342 21099331 21099320 21099309 21099298 EpitheliumA549Rep2_cluster_3014; chr14_Thr_TGT; - strand; Ticks on x-axis are at 11 nucleotides interval 172355 chr14:21099353 21099342 21099331 21099320 21099309 21099298 EscH1hescRep2_cluster_3865; chr14_Thr_TGT; - strand; Ticks on x-axis are at 11 nucleotides interval 387248 chr14:21099353 21099342 21099331 21099320 21099309 21099298 LiverHepg2Rep2_cluster_2860; chr14_Thr_TGT; - strand; Ticks on x-axis are at 11 nucleotides interval 203946 chr14:21099353 21099342 21099331 21099320 21099309 21099298 LungAg04450Rep2_cluster_4382; chr14_Thr_TGT; - strand; Ticks on x-axis are at 11 nucleotides interval 2842 chr14:21099353 21099342 21099331 21099320 21099309 21099298 SkinBjRep2_cluster_3123; chr14_Thr_TGT; - strand; Ticks on x-axis are at 11 nucleotides interval
Identifer	bgN_21099297_21099340_chr14.conservd	NA
Cluster score	0.22	NA
Clusters	2,2,3,3,2,2,2,2,2,2,2,1,1,2,2,3,3	NA
Overlap	NA	

	Replicate 1	Replicate 2
	2791559 chr12:705297470529867052998705301070530227053034 BloodGm12878Rep1_cluster_2978; U7; + strand; Ticks on x-axis are at 12 nucleotides interval	4621562 chr12:705297470529867052998705301070530227053034 BloodGm12878Rep2_cluster_3547; U7; + strand; Ticks on x-axis are at 12 nucleotides interval
	8271676 chr12:705297470529867052998705301070530227053034 BrainSknshraRep1_cluster_2747; U7; + strand; Ticks on x-axis are at 12 nucleotides interval	6711071 chr12:705297470529867052998705301070530227053034 BrainSknshraRep2_cluster_2395; U7; + strand; Ticks on x-axis are at 12 nucleotides interval
	1114994 chr12:705297470529867052998705301070530227053034 BreastMcf7Rep1_cluster_2425; U7; + strand; Ticks on x-axis are at 12 nucleotides interval	20471496 chr12:705297470529867052998705301070530227053034 BreastMcf7Rep2_cluster_2464; U7; + strand; Ticks on x-axis are at 12 nucleotides interval
	6793149 chr12:705297470529867052998705301070530227053034 CervixHelas3Rep1_cluster_2927; U7; + strand; Ticks on x-axis are at 12 nucleotides interval	95320 chr12:705297470529867052998705301070530227053034 CervixHelas3Rep2_cluster_2914; U7; + strand; Ticks on x-axis are at 12 nucleotides interval
	12471162 chr12:705297470529867052998705301070530227053034 EpitheliumA549Rep1_cluster_2440; U7; + strand; Ticks on x-axis are at 12 nucleotides interval	17461262 chr12:705297470529867052998705301070530227053034 EpitheliumA549Rep2_cluster_2013; U7; + strand; Ticks on x-axis are at 12 nucleotides interval
	54877 chr12:705297470529867052998705301070530227053034 EscH1hescRep1_cluster_2233; U7; + strand; Ticks on x-axis are at 12 nucleotides interval	22742 chr12:705297470529867052998705301070530227053034 EscH1hescRep2_cluster_2575; U7; + strand; Ticks on x-axis are at 12 nucleotides interval
	1371366 chr12:705297470529867052998705301070530227053034 LiverHepg2Rep1_cluster_1139; U7; + strand; Ticks on x-axis are at 12 nucleotides interval	1101160 chr12:705297470529867052998705301070530227053034 LiverHepg2Rep2_cluster_1952; U7; + strand; Ticks on x-axis are at 12 nucleotides interval
	1330533 chr12:705297470529867052998705301070530227053034 LungAg04450Rep1_cluster_2648; U7; + strand; Ticks on x-axis are at 12 nucleotides interval	782384 chr12:705297470529867052998705301070530227053034 LungAg04450Rep2_cluster_2897; U7; + strand; Ticks on x-axis are at 12 nucleotides interval
	6181 chr12:705297470529867052998705301070530227053034 SkinBjRep1_cluster_1201; U7; + strand; Ticks on x-axis are at 12 nucleotides interval	1356 chr12:705297470529867052998705301070530227053034 SkinBjRep2_cluster_2057; U7; + strand; Ticks on x-axis are at 12 nucleotides interval
Identifer	bgP_7052974_7053023_chr12.conservd	NA
Cluster score	0.22	NA
Clusters	3,3,2,2,5,5,3,3,5,5,4,4,1,1,5,5,0,0	NA
Overlap	NA	

	Replicate 1	Replicate 2
	10292 chr1:452421614524217345242185452421974524220945242221 BloodGm12878Rep1_cluster_178; U46; + strand; Ticks on x-axis are at 12 nucleotides interval 19914 chr1:452421614524217345242185452421974524220945242221 BrainSknshraRep1_cluster_145; U46; + strand; Ticks on x-axis are at 12 nucleotides interval 2581 chr1:452421614524217345242185452421974524220945242221 BreastMcf7Rep1_cluster_123; U46; + strand; Ticks on x-axis are at 12 nucleotides interval 298912 chr1:452421614524217345242185452421974524220945242221 CervixHelas3Rep1_cluster_147; U46; + strand; Ticks on x-axis are at 12 nucleotides interval 5441 chr1:452421614524217345242185452421974524220945242221 EpitheliumA549Rep1_cluster_131; U46; + strand; Ticks on x-axis are at 12 nucleotides interval 3451 chr1:452421614524217345242185452421974524220945242221 EscH1hescRep1_cluster_127; U46; + strand; Ticks on x-axis are at 12 nucleotides interval 518 chr1:452421614524217345242185452421974524220945242221 LiverHepg2Rep1_cluster_76; U46; + strand; Ticks on x-axis are at 12 nucleotides interval 17652 chr1:452421614524217345242185452421974524220945242221 LungAg04450Rep1_cluster_129; U46; + strand; Ticks on x-axis are at 12 nucleotides interval 2579314 chr1:452421614524217345242185452421974524220945242221 SkinBjRep1_cluster_73; U46; + strand; Ticks on x-axis are at 12 nucleotides interval	9732 chr1:452421614524217345242185452421974524220945242221 BloodGm12878Rep2_cluster_229; U46; + strand; Ticks on x-axis are at 12 nucleotides interval 24891 chr1:452421614524217345242185452421974524220945242221 BrainSknshraRep2_cluster_121; U46; + strand; Ticks on x-axis are at 12 nucleotides interval 4281 chr1:452421614524217345242185452421974524220945242221 BreastMcf7Rep2_cluster_141; U46; + strand; Ticks on x-axis are at 12 nucleotides interval 1924 chr1:452421614524217345242185452421974524220945242221 CervixHelas3Rep2_cluster_148; U46; + strand; Ticks on x-axis are at 12 nucleotides interval 6631 chr1:452421614524217345242185452421974524220945242221 EpitheliumA549Rep2_cluster_104; U46; + strand; Ticks on x-axis are at 12 nucleotides interval 1491 chr1:452421614524217345242185452421974524220945242221 EscH1hescRep2_cluster_147; U46; + strand; Ticks on x-axis are at 12 nucleotides interval 116 chr1:452421614524217345242185452421974524220945242221 LiverHepg2Rep2_cluster_119; U46; + strand; Ticks on x-axis are at 12 nucleotides interval 14652 chr1:452421614524217345242185452421974524220945242221 LungAg04450Rep2_cluster_157; U46; + strand; Ticks on x-axis are at 12 nucleotides interval 16757 chr1:452421614524217345242185452421974524220945242221 SkinBjRep2_cluster_109; U46; + strand; Ticks on x-axis are at 12 nucleotides interval
Identifer	bgP_45242161_45242203_chr1.conserved	NA
Cluster score	0.21	NA
Clusters	2,2,2,2,2,2,2,2,2,2,2,1,1,2,2,2,2	NA
Overlap	NA	

	Replicate 1 298 14 chr17:195328219532691953256195324319532301953217 BloodGm12878Rep1_cluster_6095; hsa-mir-132; - strand; Ticks on x-axis are at 13 nucleotides interval 3155 369 chr17:195328219532691953256195324319532301953217 BrainSknshraRep1_cluster_5540; hsa-mir-132; - strand; Ticks on x-axis are at 13 nucleotides interval 123 124 chr17:195328219532691953256195324319532301953217 BreastMcf7Rep1_cluster_4925; hsa-mir-132; - strand; Ticks on x-axis are at 13 nucleotides interval 483 60 chr17:195328219532691953256195324319532301953217 CervixHelas3Rep1_cluster_5853; hsa-mir-132; - strand; Ticks on x-axis are at 13 nucleotides interval 425 21 chr17:195328219532691953256195324319532301953217 EpitheliumA549Rep1_cluster_4968; hsa-mir-132; - strand; Ticks on x-axis are at 13 nucleotides interval 10 9 chr17:195328219532691953256195324319532301953217 EscH1hescRep1_cluster_4610; hsa-mir-132; - strand; Ticks on x-axis are at 13 nucleotides interval 2 91 chr17:195328219532691953256195324319532301953217 LiverHepg2Rep1_cluster_2283; hsa-mir-132; - strand; Ticks on x-axis are at 13 nucleotides interval 1461 144 chr17:195328219532691953256195324319532301953217 LungAg04450Rep1_cluster_5353; hsa-mir-132; - strand; Ticks on x-axis are at 13 nucleotides interval 347 11 chr17:195328219532691953256195324319532301953217 SkinBjRep1_cluster_2416; hsa-mir-132; - strand; Ticks on x-axis are at 13 nucleotides interval	Replicate 2 386 144 chr17:195328219532691953256195324319532301953217 BloodGm12878Rep2_cluster_7302; hsa-mir-132; - strand; Ticks on x-axis are at 13 nucleotides interval 3498 441 chr17:195328219532691953256195324319532301953217 BrainSknshraRep2_cluster_4867; hsa-mir-132; - strand; Ticks on x-axis are at 13 nucleotides interval 314 260 chr17:195328219532691953256195324319532301953217 BreastMcf7Rep2_cluster_4978; hsa-mir-132; - strand; Ticks on x-axis are at 13 nucleotides interval 306 69 chr17:195328219532691953256195324319532301953217 CervixHelas3Rep2_cluster_5885; hsa-mir-132; - strand; Ticks on x-axis are at 13 nucleotides interval 710 37 chr17:195328219532691953256195324319532301953217 EpitheliumA549Rep2_cluster_4054; hsa-mir-132; - strand; Ticks on x-axis are at 13 nucleotides interval 11 20 chr17:195328219532691953256195324319532301953217 EscH1hescRep2_cluster_5280; hsa-mir-132; - strand; Ticks on x-axis are at 13 nucleotides interval 7 64 chr17:195328219532691953256195324319532301953217 LiverHepg2Rep2_cluster_3917; hsa-mir-132; - strand; Ticks on x-axis are at 13 nucleotides interval 1174 33 chr17:195328219532691953256195324319532301953217 LungAg04450Rep2_cluster_5843; hsa-mir-132; - strand; Ticks on x-axis are at 13 nucleotides interval 1116 13 chr17:195328219532691953256195324319532301953217 SkinBjRep2_cluster_4180; hsa-mir-132; - strand; Ticks on x-axis are at 13 nucleotides interval
Identifer	bgN_1953220_1953282_chr17.conserved	NA
Cluster score	0.21	NA
Clusters	0,0,1,1,2,2,0,0,4,4,2,2,3,3,0,0,0,0	NA
Overlap	NA	

	Replicate 1	Replicate 2
	2743178 chr11:626221706262215462622138626221226262210662622090 BloodGm12878Rep1_cluster_2723; U28; - strand; Ticks on x-axis are at 16 nucleotides interval 4032218 chr11:626221706262215462622138626221226262210662622090 BrainSknshraRep1_cluster_2505; U28; - strand; Ticks on x-axis are at 16 nucleotides interval 474141 chr11:626221706262215462622138626221226262210662622090 BreastMcf7Rep1_cluster_2190; U28; - strand; Ticks on x-axis are at 16 nucleotides interval 21904205 chr11:626221706262215462622138626221226262210662622090 CervixHelas3Rep1_cluster_2665; U28; - strand; Ticks on x-axis are at 16 nucleotides interval 789158 chr11:626221706262215462622138626221226262210662622090 EpitheliumA549Rep1_cluster_2229; U28; - strand; Ticks on x-axis are at 16 nucleotides interval 8303222 chr11:626221706262215462622138626221226262210662622090 EscH1hescRep1_cluster_2045; U28; - strand; Ticks on x-axis are at 16 nucleotides interval 6279 chr11:626221706262215462622138626221226262210662622090 LiverHepg2Rep1_cluster_1043; U28; - strand; Ticks on x-axis are at 16 nucleotides interval 795120 chr11:626221706262215462622138626221226262210662622090 LungAg04450Rep1_cluster_2427; U28; - strand; Ticks on x-axis are at 16 nucleotides interval 3649214 chr11:626221706262215462622138626221226262210662622090 SkinBjRep1_cluster_1095; U28; - strand; Ticks on x-axis are at 16 nucleotides interval	1740139 chr11:626221706262215462622138626221226262210662622090 BloodGm12878Rep2_cluster_3256; U28; - strand; Ticks on x-axis are at 16 nucleotides interval 6663110 chr11:626221706262215462622138626221226262210662622090 BrainSknshraRep2_cluster_2195; U28; - strand; Ticks on x-axis are at 16 nucleotides interval 502175 chr11:626221706262215462622138626221226262210662622090 BreastMcf7Rep2_cluster_2254; U28; - strand; Ticks on x-axis are at 16 nucleotides interval 328490 chr11:626221706262215462622138626221226262210662622090 CervixHelas3Rep2_cluster_2663; U28; - strand; Ticks on x-axis are at 16 nucleotides interval 772180 chr11:626221706262215462622138626221226262210662622090 EpitheliumA549Rep2_cluster_1844; U28; - strand; Ticks on x-axis are at 16 nucleotides interval 5364264 chr11:626221706262215462622138626221226262210662622090 EscH1hescRep2_cluster_2361; U28; - strand; Ticks on x-axis are at 16 nucleotides interval 661013 chr11:626221706262215462622138626221226262210662622090 LiverHepg2Rep2_cluster_1789; U28; - strand; Ticks on x-axis are at 16 nucleotides interval 1076114 chr11:626221706262215462622138626221226262210662622090 LungAg04450Rep2_cluster_2644; U28; - strand; Ticks on x-axis are at 16 nucleotides interval 2495127 chr11:626221706262215462622138626221226262210662622090 SkinBjRep2_cluster_1895; U28; - strand; Ticks on x-axis are at 16 nucleotides interval
Identifer	bgN_62622092_62622169_chr11.conservd	NA
Cluster score	0.21	NA
Clusters	3,3,0,0,4,4,0,0,4,4,2,2,1,1,0,0,3,3	NA
Overlap	NA	

	Replicate 1	Replicate 2
	136 chr6:72113321 72113307 72113293 72113279 72113265 72113251 BloodGm12878Rep1_cluster_13197; hsa-mir-30a; - strand; Ticks on x-axis are at 14 nucleotides interval 13730 chr6:72113321 72113307 72113293 72113279 72113265 72113251 BrainSknsbraRep1_cluster_12054; hsa-mir-30a; - strand; Ticks on x-axis are at 14 nucleotides interval 900 chr6:72113321 72113307 72113293 72113279 72113265 72113251 BreastMcf7Rep1_cluster_10670; hsa-mir-30a; - strand; Ticks on x-axis are at 14 nucleotides interval 237118 chr6:72113321 72113307 72113293 72113279 72113265 72113251 CervixHelas3Rep1_cluster_12718; hsa-mir-30a; - strand; Ticks on x-axis are at 14 nucleotides interval 61663 chr6:72113321 72113307 72113293 72113279 72113265 72113251 EpitheliumA549Rep1_cluster_10730; hsa-mir-30a; - strand; Ticks on x-axis are at 14 nucleotides interval 428 chr6:72113321 72113307 72113293 72113279 72113265 72113251 EscH1hescRep1_cluster_10028; hsa-mir-30a; - strand; Ticks on x-axis are at 14 nucleotides interval 6 chr6:72113321 72113307 72113293 72113279 72113265 72113251 LiverHepg2Rep1_cluster_4878; hsa-mir-30a; - strand; Ticks on x-axis are at 14 nucleotides interval 19676 chr6:72113321 72113307 72113293 72113279 72113265 72113251 LungAg04450Rep1_cluster_11506; hsa-mir-30a; - strand; Ticks on x-axis are at 14 nucleotides interval 2939 chr6:72113321 72113307 72113293 72113279 72113265 72113251 SkinBjRep1_cluster_5082; hsa-mir-30a; - strand; Ticks on x-axis are at 14 nucleotides interval	175 chr6:72113321 72113307 72113293 72113279 72113265 72113251 BloodGm12878Rep2_cluster_15735; hsa-mir-30a; - strand; Ticks on x-axis are at 14 nucleotides interval 11556 chr6:72113321 72113307 72113293 72113279 72113265 72113251 BrainSknsbraRep2_cluster_10615; hsa-mir-30a; - strand; Ticks on x-axis are at 14 nucleotides interval 2557 chr6:72113321 72113307 72113293 72113279 72113265 72113251 BreastMcf7Rep2_cluster_10822; hsa-mir-30a; - strand; Ticks on x-axis are at 14 nucleotides interval 145353 chr6:72113321 72113307 72113293 72113279 72113265 72113251 CervixHelas3Rep2_cluster_12697; hsa-mir-30a; - strand; Ticks on x-axis are at 14 nucleotides interval 52755 chr6:72113321 72113307 72113293 72113279 72113265 72113251 EpitheliumA549Rep2_cluster_8684; hsa-mir-30a; - strand; Ticks on x-axis are at 14 nucleotides interval 501 chr6:72113321 72113307 72113293 72113279 72113265 72113251 EscH1hescRep2_cluster_11618; hsa-mir-30a; - strand; Ticks on x-axis are at 14 nucleotides interval 20 chr6:72113321 72113307 72113293 72113279 72113265 72113251 LiverHepg2Rep2_cluster_8467; hsa-mir-30a; - strand; Ticks on x-axis are at 14 nucleotides interval 17918 chr6:72113321 72113307 72113293 72113279 72113265 72113251 LungAg04450Rep2_cluster_12595; hsa-mir-30a; - strand; Ticks on x-axis are at 14 nucleotides interval 7280 chr6:72113321 72113307 72113293 72113279 72113265 72113251 SkinBjRep2_cluster_8949; hsa-mir-30a; - strand; Ticks on x-axis are at 14 nucleotides interval
Identifer	bgN_72113254_72113321_chr6.conserved	NA
Cluster score	0.21	NA
Clusters	1,1,1,1,1,1,1,1,1,2,2,2,2,1,1,2,2	NA
Overlap	NA	

	Replicate 1	Replicate 2
	21124 chr9:139565067139565079139565091139565103139565115139565127 BloodGm12878Rep1_cluster_15334; hsa-mir-126; + strand; Ticks on x-axis are at 12 nucleotides interval 1220429117 chr9:139565066139565079139565092139565105139565118139565131 BrainSknshraRep1_cluster_14074; hsa-mir-126; + strand; Ticks on x-axis are at 13 nucleotides interval 495214422 chr9:139565066139565079139565092139565105139565118139565131 BreastMcf7Rep1_cluster_12384; hsa-mir-126; + strand; Ticks on x-axis are at 13 nucleotides interval 891020368 chr9:139565066139565079139565092139565105139565118139565131 CervixHelas3Rep1_cluster_14769; hsa-mir-126; + strand; Ticks on x-axis are at 13 nucleotides interval 496621897 chr9:139565066139565079139565092139565105139565118139565131 EpitheliumA549Rep1_cluster_12490; hsa-mir-126; + strand; Ticks on x-axis are at 13 nucleotides interval 624316611 chr9:139565066139565078139565090139565102139565114139565126 EscH1hescRep1_cluster_11783; hsa-mir-126; + strand; Ticks on x-axis are at 12 nucleotides interval 156632359 chr9:139565066139565078139565090139565102139565114139565126 LiverHepg2Rep1_cluster_5689; hsa-mir-126; + strand; Ticks on x-axis are at 12 nucleotides interval 12703003 chr9:139565066139565078139565090139565102139565114139565126 LungAg04450Rep1_cluster_13418; hsa-mir-126; + strand; Ticks on x-axis are at 12 nucleotides interval 25774079 chr9:139565067139565079139565091139565103139565115139565127 SkinBjRep1_cluster_5891; hsa-mir-126; + strand; Ticks on x-axis are at 12 nucleotides interval	78273 chr9:139565067139565079139565091139565103139565115139565127 BloodGm12878Rep2_cluster_18296; hsa-mir-126; + strand; Ticks on x-axis are at 12 nucleotides interval 1639334233 chr9:139565066139565079139565092139565105139565118139565131 BrainSknshraRep2_cluster_12364; hsa-mir-126; + strand; Ticks on x-axis are at 13 nucleotides interval 760026554 chr9:139565066139565079139565092139565105139565118139565131 BreastMcf7Rep2_cluster_12612; hsa-mir-126; + strand; Ticks on x-axis are at 13 nucleotides interval 1369020518 chr9:139565066139565078139565090139565102139565114139565126 CervixHelas3Rep2_cluster_14827; hsa-mir-126; + strand; Ticks on x-axis are at 12 nucleotides interval 940129641 chr9:139565066139565078139565090139565102139565114139565126 EpitheliumA549Rep2_cluster_10109; hsa-mir-126; + strand; Ticks on x-axis are at 12 nucleotides interval 600615852 chr9:139565066139565078139565090139565102139565114139565126 EscH1hescRep2_cluster_13634; hsa-mir-126; + strand; Ticks on x-axis are at 12 nucleotides interval 63122422 chr9:139565066139565078139565090139565102139565114139565126 LiverHepg2Rep2_cluster_9850; hsa-mir-126; + strand; Ticks on x-axis are at 12 nucleotides interval 7292367 chr9:139565067139565079139565091139565103139565115139565127 LungAg04450Rep2_cluster_14671; hsa-mir-126; + strand; Ticks on x-axis are at 12 nucleotides interval 50929522 chr9:139565066139565078139565090139565102139565114139565126 SkinBjRep2_cluster_10425; hsa-mir-126; + strand; Ticks on x-axis are at 12 nucleotides interval
Identifer	bgP_139565063_139565088_chr9.conserved	NA
Cluster score	0.21	NA
Clusters	2,2,2,2,2,2,2,2,2,2,2,2,1,1,2,2,2,2	NA
Overlap	NA	

	Replicate 1	Replicate 2
	1911435 chr17:223250222324852232468223245122324342232417 BloodGm12878Rep1_cluster.6098; HBII-296B; - strand; Ticks on x-axis are at 17 nucleotides interval 16512856 chr17:223250222324852232468223245122324342232417 BrainSknshraRep1_cluster.5542; HBII-296B; - strand; Ticks on x-axis are at 17 nucleotides interval 141584 chr17:223250222324852232468223245122324342232417 BreastMcf7Rep1_cluster.4927; HBII-296B; - strand; Ticks on x-axis are at 17 nucleotides interval 402527 chr17:223250222324852232468223245122324342232417 CervixHelas3Rep1_cluster.5855; HBII-296B; - strand; Ticks on x-axis are at 17 nucleotides interval 4622168 chr17:223250222324852232468223245122324342232417 EpitheliumA549Rep1_cluster.4971; HBII-296B; - strand; Ticks on x-axis are at 17 nucleotides interval 1514 chr17:223250222324852232468223245122324342232417 EscH1hescRep1_cluster.4611; HBII-296B; - strand; Ticks on x-axis are at 17 nucleotides interval 744524 chr17:223250222324852232468223245122324342232417 LiverHepg2Rep1_cluster.2285; HBII-296B; - strand; Ticks on x-axis are at 17 nucleotides interval 471388 chr17:223250222324852232468223245122324342232417 LungAg04450Rep1_cluster.5355; HBII-296B; - strand; Ticks on x-axis are at 17 nucleotides interval 5212 chr17:223250222324852232468223245122324342232417 SkinBjRep1_cluster.2418; HBII-296B; - strand; Ticks on x-axis are at 17 nucleotides interval	2811113 chr17:223250222324852232468223245122324342232417 BloodGm12878Rep2_cluster.7306; HBII-296B; - strand; Ticks on x-axis are at 17 nucleotides interval 11311752 chr17:223250222324852232468223245122324342232417 BrainSknshraRep2_cluster.4869; HBII-296B; - strand; Ticks on x-axis are at 17 nucleotides interval 151767 chr17:223250222324852232468223245122324342232417 BreastMcf7Rep2_cluster.4980; HBII-296B; - strand; Ticks on x-axis are at 17 nucleotides interval 32113 chr17:223250222324852232468223245122324342232417 CervixHelas3Rep2_cluster.5888; HBII-296B; - strand; Ticks on x-axis are at 17 nucleotides interval 4211320 chr17:223250222324852232468223245122324342232417 EpitheliumA549Rep2_cluster.4056; HBII-296B; - strand; Ticks on x-axis are at 17 nucleotides interval 5114 chr17:223250222324852232468223245122324342232417 EscH1hescRep2_cluster.5281; HBII-296B; - strand; Ticks on x-axis are at 17 nucleotides interval 824362 chr17:223250222324852232468223245122324342232417 LiverHepg2Rep2_cluster.3918; HBII-296B; - strand; Ticks on x-axis are at 17 nucleotides interval 511753 chr17:223250222324852232468223245122324342232417 LungAg04450Rep2_cluster.5845; HBII-296B; - strand; Ticks on x-axis are at 17 nucleotides interval 4117 chr17:223250222324852232468223245122324342232417 SkinBjRep2_cluster.4183; HBII-296B; - strand; Ticks on x-axis are at 17 nucleotides interval
Identifer	bgN_2232419_2232458_chr17.conserved	NA
Cluster score	0.21	NA
Clusters	1,1,1,1,1,1,1,1,1,2,2,2,2,1,1,2,2	NA
Overlap	NA	

	Replicate 1	Replicate 2
	276 110117 3 chr12:125424282125424230125424178125424126125424074125424022 BloodGm12878Rep1_cluster_3664; chr12_Asp_GTC; - strand; Ticks on x-axis are at 52 nucleotides interval 111 261301 2 chr12:125424282125424230125424178125424126125424074125424022 BrainSknshraRep1_cluster_3399; chr12_Asp_GTC; - strand; Ticks on x-axis are at 52 nucleotides interval 1216 5167 1 chr12:125424282125424230125424178125424126125424074125424022 BreastMcf7Rep1_cluster_2987; chr12_Asp_GTC; - strand; Ticks on x-axis are at 52 nucleotides interval 2044 358537 2 chr12:125424282125424230125424178125424126125424074125424022 CervixHelas3Rep1_cluster_3593; tRNA_RF00005; - strand; Ticks on x-axis are at 52 nucleotides interval 510 271 8 chr12:125424282125424230125424178125424126125424074125424022 EpitheliumA549Rep1_cluster_3061; chr12_Asp_GTC; - strand; Ticks on x-axis are at 52 nucleotides interval 2120 81 1 chr12:125424282125424230125424178125424126125424074125424022 EscH1hescRep1_cluster_2774; chr12_Asp_GTC; - strand; Ticks on x-axis are at 52 nucleotides interval 109 3129 1 chr12:125424282125424230125424178125424126125424074125424022 LiverHepg2Rep1_cluster_1377; chr12_Asp_GTC; - strand; Ticks on x-axis are at 52 nucleotides interval 112 283333 1 chr12:125424282125424230125424178125424126125424074125424022 LungAg04450Rep1_cluster_3258; chr12_Asp_GTC; - strand; Ticks on x-axis are at 52 nucleotides interval 67 3444 1 chr12:125424282125424230125424178125424126125424074125424022 SkinBjRep1_cluster_1438; tRNA_RF00005; - strand; Ticks on x-axis are at 52 nucleotides interval	879 261286 3 chr12:125424282125424230125424178125424126125424074125424022 BloodGm12878Rep2_cluster_4364; chr12_Asp_GTC; - strand; Ticks on x-axis are at 52 nucleotides interval 514 245282 2 chr12:125424282125424230125424178125424126125424074125424022 BrainSknshraRep2_cluster_2953; chr12_Asp_GTC; - strand; Ticks on x-axis are at 52 nucleotides interval 17 6278 1 chr12:125424282125424230125424178125424126125424074125424022 BreastMcf7Rep2_cluster_3004; chr12_Asp_GTC; - strand; Ticks on x-axis are at 52 nucleotides interval 3015 85136 1 chr12:125424282125424230125424178125424126125424074125424022 CervixHelas3Rep2_cluster_3614; chr12_Asp_GTC; - strand; Ticks on x-axis are at 52 nucleotides interval 413 151 5 chr12:125424282125424230125424178125424126125424074125424022 EpitheliumA549Rep2_cluster_2484; chr12_Asp_GTC; - strand; Ticks on x-axis are at 52 nucleotides interval 1513 81 1 chr12:125424282125424230125424178125424126125424074125424022 EscH1hescRep2_cluster_3167; chr12_Asp_GTC; - strand; Ticks on x-axis are at 52 nucleotides interval 1125 3131 1 chr12:125424282125424230125424178125424126125424074125424022 LiverHepg2Rep2_cluster_2347; chr12_Asp_GTC; - strand; Ticks on x-axis are at 52 nucleotides interval 110 287349 2 chr12:125424282125424230125424178125424126125424074125424022 LungAg04450Rep2_cluster_3547; chr12_Asp_GTC; - strand; Ticks on x-axis are at 52 nucleotides interval 79 4148 1 chr12:125424282125424230125424178125424126125424074125424022 SkinBjRep2_cluster_2502; chr12_Asp_GTC; - strand; Ticks on x-axis are at 52 nucleotides interval
Identifer	bgN_125424023_125424280.chr12.conserved	NA
Cluster score	0.21	NA
Clusters	2,2,2,2,2,2,2,1,1,1,1,2,2,2,2,2	NA
Overlap	NA	

	Replicate 1	Replicate 2
	491 107 chr1:28160910 28160941 28160972 28161003 28161034 28161065 BloodGm12878Rep1_cluster_120; ACA35; + strand; Ticks on x-axis are at 31 nucleotides interval 254 187 chr1:28160910 28160941 28160972 28161003 28161034 28161065 BrainSknshraRep1_cluster_92; ACA35; + strand; Ticks on x-axis are at 31 nucleotides interval 10 61 chr1:28160910 28160941 28160972 28161003 28161034 28161065 BreastMcf7Rep1_cluster_77; ACA35; + strand; Ticks on x-axis are at 31 nucleotides interval 1378 718 chr1:28160910 28160941 28160972 28161003 28161034 28161065 CervixHelas3Rep1_cluster_99; ACA35; + strand; Ticks on x-axis are at 31 nucleotides interval 66 90 chr1:28160910 28160941 28160972 28161003 28161034 28161065 EpitheliumA549Rep1_cluster_83; ACA35; + strand; Ticks on x-axis are at 31 nucleotides interval 54 34 chr1:28160910 28160941 28160972 28161003 28161034 28161065 EscH1hescRep1_cluster_79; ACA35; + strand; Ticks on x-axis are at 31 nucleotides interval 70 212 chr1:28160910 28160941 28160972 28161003 28161034 28161065 LiverHepg2Rep1_cluster_48; ACA35; + strand; Ticks on x-axis are at 31 nucleotides interval 407 192 chr1:28160910 28160941 28160972 28161003 28161034 28161065 LungAg04450Rep1_cluster_86; ACA35; + strand; Ticks on x-axis are at 31 nucleotides interval 23592 337 chr1:28160910 28160941 28160972 28161003 28161034 28161065 SkinBjRep1_cluster_46; ACA35; + strand; Ticks on x-axis are at 31 nucleotides interval	281 124 chr1:28160910 28160941 28160972 28161003 28161034 28161065 BloodGm12878Rep2_cluster_159; ACA35; + strand; Ticks on x-axis are at 31 nucleotides interval 288 151 chr1:28160910 28160941 28160972 28161003 28161034 28161065 BrainSknshraRep2_cluster_83; ACA35; + strand; Ticks on x-axis are at 31 nucleotides interval 6 160 chr1:28160910 28160941 28160972 28161003 28161034 28161065 BreastMcf7Rep2_cluster_92; ACA35; + strand; Ticks on x-axis are at 31 nucleotides interval 46 201 chr1:28160910 28160941 28160972 28161003 28161034 28161065 CervixHelas3Rep2_cluster_97; ACA35; + strand; Ticks on x-axis are at 31 nucleotides interval 104 154 chr1:28160910 28160941 28160972 28161003 28161034 28161065 EpitheliumA549Rep2_cluster_62; ACA35; + strand; Ticks on x-axis are at 31 nucleotides interval 41 29 chr1:28160910 28160941 28160972 28161003 28161034 28161065 EscH1hescRep2_cluster_95; ACA35; + strand; Ticks on x-axis are at 31 nucleotides interval 103 233 chr1:28160910 28160941 28160972 28161003 28161034 28161065 LiverHepg2Rep2_cluster_79; ACA35; + strand; Ticks on x-axis are at 31 nucleotides interval 243 104 chr1:28160910 28160941 28160972 28161003 28161034 28161065 LungAg04450Rep2_cluster_103; ACA35; + strand; Ticks on x-axis are at 31 nucleotides interval 619 126 chr1:28160910 28160941 28160972 28161003 28161034 28161065 SkinBjRep2_cluster_65; ACA35; + strand; Ticks on x-axis are at 31 nucleotides interval
Identifer	bgP_28160910_28161063_chr1.conserved	NA
Cluster score	0.21	NA
Clusters	2,2,2,2,0,0,0,0,1,1,2,2,3,3,2,2,0,0	NA
Overlap	NA	

	Replicate 1	Replicate 2
	256930 chr17:472698824726989947269916472699334726995047269967 BloodGm12878Rep1_cluster_5953; chr17_Gln.TTG; + strand; Ticks on x-axis are at 17 nucleotides interval	3961915 chr17:472698824726989947269916472699334726995047269967 BloodGm12878Rep2_cluster_7121; chr17_Gln.TTG; + strand; Ticks on x-axis are at 17 nucleotides interval
	340148 chr17:472698824726989947269916472699334726995047269967 BrainSknshraRep1_cluster_5407; chr17_Gln.TTG; + strand; Ticks on x-axis are at 17 nucleotides interval	396126 chr17:472698824726989947269916472699334726995047269967 BrainSknshraRep2_cluster_4756; chr17_Gln.TTG; + strand; Ticks on x-axis are at 17 nucleotides interval
	58149 chr17:472698824726989947269916472699334726995047269967 BreastMcf7Rep1_cluster_4799; chr17_Gln.TTG; + strand; Ticks on x-axis are at 17 nucleotides interval	149276 chr17:472698824726989947269916472699334726995047269967 BreastMcf7Rep2_cluster_4841; chr17_Gln.TTG; + strand; Ticks on x-axis are at 17 nucleotides interval
	418575 chr17:472698824726989947269916472699334726995047269967 CervixHelas3Rep1_cluster_5725; chr17_Gln.TTG; + strand; Ticks on x-axis are at 17 nucleotides interval	158197 chr17:472698824726989947269916472699334726995047269967 CervixHelas3Rep2_cluster_5765; chr17_Gln.TTG; + strand; Ticks on x-axis are at 17 nucleotides interval
	160176 chr17:472698824726989947269916472699334726995047269967 EpitheliumA549Rep1_cluster_4863; chr17_Gln.TTG; + strand; Ticks on x-axis are at 17 nucleotides interval	186150 chr17:472698824726989947269916472699334726995047269967 EpitheliumA549Rep2_cluster_3958; chr17_Gln.TTG; + strand; Ticks on x-axis are at 17 nucleotides interval
	12536 chr17:472698824726989947269916472699334726995047269967 EscH1hescRep1_cluster_4503; chr17_Gln.TTG; + strand; Ticks on x-axis are at 17 nucleotides interval	110178 chr17:472698824726989947269916472699334726995047269967 EscH1hescRep2_cluster_5153; chr17_Gln.TTG; + strand; Ticks on x-axis are at 17 nucleotides interval
	6332 chr17:472698824726989947269916472699334726995047269967 LiverHepg2Rep1_cluster_2225; chr17_Gln.TTG; + strand; Ticks on x-axis are at 17 nucleotides interval	6551 chr17:472698824726989947269916472699334726995047269967 LiverHepg2Rep2_cluster_3823; chr17_Gln.TTG; + strand; Ticks on x-axis are at 17 nucleotides interval
	326281 chr17:472698824726989947269916472699334726995047269967 LungAg04450Rep1_cluster_5246; chr17_Gln.TTG; + strand; Ticks on x-axis are at 17 nucleotides interval	197313 chr17:472698824726989947269916472699334726995047269967 LungAg04450Rep2_cluster_5716; chr17_Gln.TTG; + strand; Ticks on x-axis are at 17 nucleotides interval
	8783 chr17:472698824726989947269916472699334726995047269967 SkinBjRep1_cluster_2367; chr17_Gln.TTG; + strand; Ticks on x-axis are at 17 nucleotides interval	115180 chr17:472698824726989947269916472699334726995047269967 SkinBjRep2_cluster_4095; chr17_Gln.TTG; + strand; Ticks on x-axis are at 17 nucleotides interval
Identifer	bgP_47269882_47269967_chr17.conserved	NA
Cluster score	0.21	NA
Clusters	2,2,2,2,2,2,2,2,2,2,2,1,1,2,2,2,2	NA
Overlap	NA	

	Replicate 1	Replicate 2
	32188 chr6:263284052632842026328435263284502632846526328480 BloodGm12878Rep1_cluster_12450; chr6_Arg_ACG; + strand; Ticks on x-axis are at 15 nucleotides interval	53189 chr6:263284052632842026328435263284502632846526328480 BloodGm12878Rep2_cluster_14869; chr6_Arg_ACG; + strand; Ticks on x-axis are at 15 nucleotides interval
	4620 chr6:263284052632842026328435263284502632846526328480 BrainSknshraRep1_cluster_11376; chr6_Arg_ACG; + strand; Ticks on x-axis are at 15 nucleotides interval	3449 chr6:263284052632842026328435263284502632846526328480 BrainSknshraRep2_cluster_10007; chr6_Arg_ACG; + strand; Ticks on x-axis are at 15 nucleotides interval
	4166 chr6:263284052632842026328435263284502632846526328480 BreastMcf7Rep1_cluster_10101; chr6_Arg_ACG; + strand; Ticks on x-axis are at 15 nucleotides interval	3275 chr6:263284052632842026328435263284502632846526328480 BreastMcf7Rep2_cluster_10198; chr6_Arg_ACG; + strand; Ticks on x-axis are at 15 nucleotides interval
	2845 chr6:263284052632842026328435263284502632846526328480 CervixHelas3Rep1_cluster_11992; chr6_Arg_ACG; + strand; Ticks on x-axis are at 15 nucleotides interval	4443 chr6:263284052632842026328435263284502632846526328480 CervixHelas3Rep2_cluster_11977; chr6_Arg_ACG; + strand; Ticks on x-axis are at 15 nucleotides interval
	3131 chr6:263284052632842026328435263284502632846526328480 EpitheliumA549Rep1_cluster_10138; chr6_Arg_ACG; + strand; Ticks on x-axis are at 15 nucleotides interval	2100 chr6:263284052632842026328435263284502632846526328480 EpitheliumA549Rep2_cluster_8176; chr6_Arg_ACG; + strand; Ticks on x-axis are at 15 nucleotides interval
	2677 chr6:263284052632842026328435263284502632846526328480 EscH1hescRep1_cluster_9423; chr6_Arg_ACG; + strand; Ticks on x-axis are at 15 nucleotides interval	1411 chr6:263284052632842026328435263284502632846526328480 EscH1hescRep2_cluster_10953; chr6_Arg_ACG; + strand; Ticks on x-axis are at 15 nucleotides interval
	61252 chr6:263284052632842026328435263284502632846526328480 LiverHepg2Rep1_cluster_4503; chr6_Arg_ACG; + strand; Ticks on x-axis are at 15 nucleotides interval	3665 chr6:263284052632842026328435263284502632846526328480 LiverHepg2Rep2_cluster_7915; chr6_Arg_ACG; + strand; Ticks on x-axis are at 15 nucleotides interval
	3823 chr6:263284052632842026328435263284502632846526328480 LungAg04450Rep1_cluster_10829; chr6_Arg_ACG; + strand; Ticks on x-axis are at 15 nucleotides interval	2488 chr6:263284052632842026328435263284502632846526328480 LungAg04450Rep2_cluster_11911; chr6_Arg_ACG; + strand; Ticks on x-axis are at 15 nucleotides interval
	41584 chr6:263284052632842026328435263284502632846526328480 SkinBjRep1_cluster_4750; chr6_Arg_ACG; + strand; Ticks on x-axis are at 15 nucleotides interval	2859 chr6:263284052632842026328435263284502632846526328480 SkinBjRep2_cluster_8429; chr6_Arg_ACG; + strand; Ticks on x-axis are at 15 nucleotides interval
Identifer	bgP_26328405_26328477_chr6.conserved	NA
Cluster score	0.20	NA
Clusters	4,4,3,3,0,0,0,0,1,1,1,2,2,2,2,2,2,2,2	NA
Overlap	NA	

	Replicate 1	Replicate 2
chr6:31803037 31803045 31803053 31803061 31803069 31803077 BloodGm12878Rep1_cluster_12545; U48; + strand; Ticks on x-axis are at 8 nucleotides interval chr6:31803037 31803045 31803053 31803061 31803069 31803077 BrainSknshraRep1_cluster_11465; U48; + strand; Ticks on x-axis are at 8 nucleotides interval chr6:31803037 31803045 31803053 31803061 31803069 31803077 BreastMcf7Rep1_cluster_10177; U48; + strand; Ticks on x-axis are at 8 nucleotides interval chr6:31803037 31803045 31803053 31803061 31803069 31803077 CervixHelas3Rep1_cluster_12089; U48; + strand; Ticks on x-axis are at 8 nucleotides interval chr6:31803037 31803045 31803053 31803061 31803069 31803077 EpitheliumA549Rep1_cluster_10226; U48; + strand; Ticks on x-axis are at 8 nucleotides interval chr6:31803037 31803045 31803053 31803061 31803069 31803077 EscH1hescRep1_cluster_9533; U48; + strand; Ticks on x-axis are at 8 nucleotides interval chr6:31803037 31803045 31803053 31803061 31803069 31803077 LiverHepg2Rep1_cluster_4576; U48; + strand; Ticks on x-axis are at 8 nucleotides interval chr6:31803037 31803045 31803053 31803061 31803069 31803077 LungAg04450Rep1_cluster_10919; U48; + strand; Ticks on x-axis are at 8 nucleotides interval chr6:31803037 31803045 31803053 31803061 31803069 31803077 SkinBjRep1_cluster_4820; U48; + strand; Ticks on x-axis are at 8 nucleotides interval	5122 4116 chr6:31803037 31803045 31803053 31803061 31803069 31803077 BloodGm12878Rep2_cluster_14968; U48; + strand; Ticks on x-axis are at 8 nucleotides interval 10223 9023 chr6:31803037 31803045 31803053 31803061 31803069 31803077 BrainSknshraRep2_cluster_10097; U48; + strand; Ticks on x-axis are at 8 nucleotides interval 4238 3353 chr6:31803037 31803045 31803053 31803061 31803069 31803077 BreastMcf7Rep2_cluster_10284; U48; + strand; Ticks on x-axis are at 8 nucleotides interval 11166 9800 chr6:31803037 31803045 31803053 31803061 31803069 31803077 CervixHelas3Rep2_cluster_12071; U48; + strand; Ticks on x-axis are at 8 nucleotides interval 4300 3852 chr6:31803037 31803045 31803053 31803061 31803069 31803077 EpitheliumA549Rep2_cluster_8266; U48; + strand; Ticks on x-axis are at 8 nucleotides interval 3537 2681 chr6:31803037 31803045 31803053 31803061 31803069 31803077 EscH1hescRep2_cluster_11054; U48; + strand; Ticks on x-axis are at 8 nucleotides interval 9953 1 chr6:31803037 31803045 31803053 31803061 31803069 31803077 LiverHepg2Rep2_cluster_8001; U48; + strand; Ticks on x-axis are at 8 nucleotides interval 17156 3482 chr6:31803037 31803045 31803053 31803061 31803069 31803077 LungAg04450Rep2_cluster_12002; U48; + strand; Ticks on x-axis are at 8 nucleotides interval 14014 4401 chr6:31803037 31803045 31803053 31803061 31803069 31803077 SkinBjRep2_cluster_8508; U48; + strand; Ticks on x-axis are at 8 nucleotides interval	10847 9831 chr6:31803037 31803045 31803053 31803061 31803069 31803077 BloodGm12878Rep2_cluster_14968; U48; + strand; Ticks on x-axis are at 8 nucleotides interval 11421 10418 chr6:31803037 31803045 31803053 31803061 31803069 31803077 BrainSknshraRep2_cluster_10097; U48; + strand; Ticks on x-axis are at 8 nucleotides interval 8834 7409 chr6:31803037 31803045 31803053 31803061 31803069 31803077 BreastMcf7Rep2_cluster_10284; U48; + strand; Ticks on x-axis are at 8 nucleotides interval 828 549 chr6:31803037 31803045 31803053 31803061 31803069 31803077 CervixHelas3Rep2_cluster_12071; U48; + strand; Ticks on x-axis are at 8 nucleotides interval 7538 6506 chr6:31803037 31803045 31803053 31803061 31803069 31803077 EpitheliumA549Rep2_cluster_8266; U48; + strand; Ticks on x-axis are at 8 nucleotides interval 2009 1318 chr6:31803037 31803045 31803053 31803061 31803069 31803077 EscH1hescRep2_cluster_11054; U48; + strand; Ticks on x-axis are at 8 nucleotides interval 7958 1 chr6:31803037 31803045 31803053 31803061 31803069 31803077 LiverHepg2Rep2_cluster_8001; U48; + strand; Ticks on x-axis are at 8 nucleotides interval 11359 2740 chr6:31803037 31803045 31803053 31803061 31803069 31803077 LungAg04450Rep2_cluster_12002; U48; + strand; Ticks on x-axis are at 8 nucleotides interval 3077 968 chr6:31803037 31803045 31803053 31803061 31803069 31803077 SkinBjRep2_cluster_8508; U48; + strand; Ticks on x-axis are at 8 nucleotides interval
Identifer	bgP_31803037_31803078_chr6.conserved	NA
Cluster score	0.20	NA
Clusters	3,3,3,3,3,3,3,3,3,3,1,1,2,2,2,2	NA
Overlap	NA	

	Replicate 1	Replicate 2
	18891 chr1:412200414122005441220067412200804122009341220106 BloodGm12878Rep1_cluster_166; hsa-mir-30e; + strand; Ticks on x-axis are at 13 nucleotides interval 9933 chr1:412200414122005441220067412200804122009341220106 BrainSknshraRep1_cluster_134; hsa-mir-30e; + strand; Ticks on x-axis are at 13 nucleotides interval 5591 chr1:412200414122005441220067412200804122009341220106 BreastMcf7Rep1_cluster_113; hsa-mir-30e; + strand; Ticks on x-axis are at 13 nucleotides interval 15121 chr1:412200414122005441220067412200804122009341220106 CervixHelas3Rep1_cluster_136; hsa-mir-30e; + strand; Ticks on x-axis are at 13 nucleotides interval 14117 chr1:412200414122005441220067412200804122009341220106 EpitheliumA549Rep1_cluster_121; hsa-mir-30e; + strand; Ticks on x-axis are at 13 nucleotides interval 1351 chr1:412200414122005441220067412200804122009341220106 EscH1hescRep1_cluster_117; hsa-mir-30e; + strand; Ticks on x-axis are at 13 nucleotides interval 4888 chr1:412200414122005441220067412200804122009341220106 LiverHepg2Rep1_cluster_70; hsa-mir-30e; + strand; Ticks on x-axis are at 13 nucleotides interval 8312 chr1:412200414122005441220067412200804122009341220106 LungAg04450Rep1_cluster_121; hsa-mir-30e; + strand; Ticks on x-axis are at 13 nucleotides interval 607 chr1:412200414122005441220067412200804122009341220106 SkinBjRep1_cluster_67; hsa-mir-30e; + strand; Ticks on x-axis are at 13 nucleotides interval	25614 chr1:412200414122005441220067412200804122009341220106 BloodGm12878Rep2_cluster_212; hsa-mir-30e; + strand; Ticks on x-axis are at 13 nucleotides interval 15526 chr1:412200414122005441220067412200804122009341220106 BrainSknshraRep2_cluster_113; hsa-mir-30e; + strand; Ticks on x-axis are at 13 nucleotides interval 7942 chr1:412200414122005441220067412200804122009341220106 BreastMcf7Rep2_cluster_130; hsa-mir-30e; + strand; Ticks on x-axis are at 13 nucleotides interval 9916 chr1:412200414122005441220067412200804122009341220106 CervixHelas3Rep2_cluster_133; hsa-mir-30e; + strand; Ticks on x-axis are at 13 nucleotides interval 9118 chr1:412200414122005441220067412200804122009341220106 EpitheliumA549Rep2_cluster_96; hsa-mir-30e; + strand; Ticks on x-axis are at 13 nucleotides interval 1233 chr1:412200414122005441220067412200804122009341220106 EscH1hescRep2_cluster_138; hsa-mir-30e; + strand; Ticks on x-axis are at 13 nucleotides interval 6218 chr1:412200414122005441220067412200804122009341220106 LiverHepg2Rep2_cluster_108; hsa-mir-30e; + strand; Ticks on x-axis are at 13 nucleotides interval 8118 chr1:412200414122005441220067412200804122009341220106 LungAg04450Rep2_cluster_146; hsa-mir-30e; + strand; Ticks on x-axis are at 13 nucleotides interval 1670 chr1:412200414122005441220067412200804122009341220106 SkinBjRep2_cluster_99; hsa-mir-30e; + strand; Ticks on x-axis are at 13 nucleotides interval
Identifer	bgP_41220041_41220107_chr1.conserved	NA
Cluster score	0.20	NA
Clusters	1,1,1,1,1,1,1,1,1,2,2,2,2,1,1,2,2	NA
Overlap	NA	

	Replicate 1	Replicate 2
	71 chr9:865847498658473686584723865847108658469786584684 BloodGm12878Rep1_cluster_15486; hsa-mir-7-1; - strand; Ticks on x-axis are at 13 nucleotides interval	54 chr9:865847498658473686584723865847108658469786584684 BloodGm12878Rep2_cluster_18471; hsa-mir-7-1; - strand; Ticks on x-axis are at 13 nucleotides interval
	28 chr9:865847498658473686584723865847108658469786584684 BrainSknshraRep1_cluster_14221; hsa-mir-7-1; - strand; Ticks on x-axis are at 13 nucleotides interval	18 chr9:865847498658473686584723865847108658469786584684 BrainSknshraRep2_cluster_12508; hsa-mir-7-1; - strand; Ticks on x-axis are at 13 nucleotides interval
	26 chr9:865847498658473686584723865847108658469786584684 BreastMcf7Rep1_cluster_12516; hsa-mir-7-1; - strand; Ticks on x-axis are at 13 nucleotides interval	62 chr9:865847498658473686584723865847108658469786584684 BreastMcf7Rep2_cluster_12742; hsa-mir-7-1; - strand; Ticks on x-axis are at 13 nucleotides interval
	28 chr9:865847498658473686584723865847108658469786584684 CervixHelas3Rep1_cluster_14932; hsa-mir-7-1; - strand; Ticks on x-axis are at 13 nucleotides interval	59 chr9:865847498658473686584723865847108658469786584684 CervixHelas3Rep2_cluster_14993; hsa-mir-7-1; - strand; Ticks on x-axis are at 13 nucleotides interval
	56 chr9:865847498658473686584723865847108658469786584684 EpitheliumA549Rep1_cluster_12604; hsa-mir-7-1; - strand; Ticks on x-axis are at 13 nucleotides interval	74 chr9:865847498658473686584723865847108658469786584684 EpitheliumA549Rep2_cluster_10212; hsa-mir-7-1; - strand; Ticks on x-axis are at 13 nucleotides interval
	100 chr9:865847498658473686584723865847108658469786584684 EscH1hescRep1_cluster_11902; hsa-mir-7-1; - strand; Ticks on x-axis are at 13 nucleotides interval	78 chr9:865847498658473686584723865847108658469786584684 EscH1hescRep2_cluster_13778; hsa-mir-7-1; - strand; Ticks on x-axis are at 13 nucleotides interval
	28 chr9:865847498658473686584723865847108658469786584684 LiverHepg2Rep1_cluster_5744; hsa-mir-7-1; - strand; Ticks on x-axis are at 13 nucleotides interval	67 chr9:865847498658473686584723865847108658469786584684 LiverHepg2Rep2_cluster_9962; hsa-mir-7-1; - strand; Ticks on x-axis are at 13 nucleotides interval
	91 chr9:865847498658473686584723865847108658469786584684 LungAg04450Rep1_cluster_13556; hsa-mir-7-1; - strand; Ticks on x-axis are at 13 nucleotides interval	79 chr9:865847498658473686584723865847108658469786584684 LungAg04450Rep2_cluster_14821; hsa-mir-7-1; - strand; Ticks on x-axis are at 13 nucleotides interval
	9 chr9:865847498658473686584723865847108658469786584684 SkinBjRep1_cluster_5943; hsa-mir-7-1; - strand; Ticks on x-axis are at 13 nucleotides interval	25 chr9:865847498658473686584723865847108658469786584684 SkinBjRep2_cluster_10529; hsa-mir-7-1; - strand; Ticks on x-axis are at 13 nucleotides interval
Identifer	bgN_86584684_86584749_chr9.conserved	NA
Cluster score	0.20	NA
Clusters	0,0,2,2,2,2,2,2,2,1,1,1,1,1,2,2,2,2	NA
Overlap	NA	

	Replicate 1	Replicate 2
	5328 chr1:145385721 145385737 145385753 145385769 145385785 145385801 BloodGm12878Rep1_cluster_377; chr1_Asn_GTT; + strand; Ticks on x-axis are at 16 nucleotides interval	28271 chr1:145385721 145385737 145385753 145385769 145385785 145385801 BloodGm12878Rep2_cluster_455; chr1_Asn_GTT; + strand; Ticks on x-axis are at 16 nucleotides interval
	11116 chr1:145385721 145385737 145385753 145385769 145385785 145385801 BrainSknshraRep1_cluster_323; chr1_Asn_GTT; + strand; Ticks on x-axis are at 16 nucleotides interval	1074 chr1:145385721 145385737 145385753 145385769 145385785 145385801 BrainSknshraRep2_cluster_269; chr1_Asn_GTT; + strand; Ticks on x-axis are at 16 nucleotides interval
	1113 chr1:145385721 145385737 145385753 145385769 145385785 145385801 BreastMcf7Rep1_cluster_280; chr1_Asn_GTT; + strand; Ticks on x-axis are at 16 nucleotides interval	3350 chr1:145385721 145385737 145385753 145385769 145385785 145385801 BreastMcf7Rep2_cluster_295; chr1_Asn_GTT; + strand; Ticks on x-axis are at 16 nucleotides interval
	2356 chr1:145385721 145385737 145385753 145385769 145385785 145385801 CervixHelas3Rep1_cluster_333; chr1_Asn_GTT; + strand; Ticks on x-axis are at 16 nucleotides interval	43172 chr1:145385721 145385737 145385753 145385769 145385785 145385801 CervixHelas3Rep2_cluster_342; chr1_Asn_GTT; + strand; Ticks on x-axis are at 16 nucleotides interval
	68138 chr1:145385721 145385737 145385753 145385769 145385785 145385801 EpitheliumA549Rep1_cluster_287; chr1_Asn_GTT; + strand; Ticks on x-axis are at 16 nucleotides interval	8673 chr1:145385721 145385737 145385753 145385769 145385785 145385801 EpitheliumA549Rep2_cluster_233; chr1_Asn_GTT; + strand; Ticks on x-axis are at 16 nucleotides interval
	55822 chr1:145385721 145385737 145385753 145385769 145385785 145385801 EscH1hescRep1_cluster_294; chr1_Asn_GTT; + strand; Ticks on x-axis are at 16 nucleotides interval	34317 chr1:145385721 145385737 145385753 145385769 145385785 145385801 EscH1hescRep2_cluster_342; chr1_Asn_GTT; + strand; Ticks on x-axis are at 16 nucleotides interval
	19142 chr1:145385721 145385737 145385753 145385769 145385785 145385801 LiverHepg2Rep1_cluster_147; chr1_Asn_GTT; + strand; Ticks on x-axis are at 16 nucleotides interval	20528 chr1:145385721 145385737 145385753 145385769 145385785 145385801 LiverHepg2Rep2_cluster_236; chr1_Asn_GTT; + strand; Ticks on x-axis are at 16 nucleotides interval
	4431 chr1:145385721 145385737 145385753 145385769 145385785 145385801 LungAg04450Rep1_cluster_312; chr1_Asn_GTT; + strand; Ticks on x-axis are at 16 nucleotides interval	2344 chr1:145385721 145385737 145385753 145385769 145385785 145385801 LungAg04450Rep2_cluster_336; chr1_Asn_GTT; + strand; Ticks on x-axis are at 16 nucleotides interval
	12635 chr1:145385721 145385737 145385753 145385769 145385785 145385801 SkinBjRep1_cluster_153; chr1_Asn_GTT; + strand; Ticks on x-axis are at 16 nucleotides interval	19131 chr1:145385721 145385737 145385753 145385769 145385785 145385801 SkinBjRep2_cluster_250; chr1_Asn_GTT; + strand; Ticks on x-axis are at 16 nucleotides interval
Identifer	bgP_145385721_145385802_chr1.conserved	NA
Cluster score	0.20	NA
Clusters	0,0,0,0,2,2,0,0,2,2,1,1,0,0,2,2,1,1	NA
Overlap	NA	

	Replicate 1	Replicate 2
	16 5571982 chr16:222071132220709222207071222070502220702922207008 BloodGm12878Rep1_cluster_5579; chr16_Leu_TAG; - strand; Ticks on x-axis are at 21 nucleotides interval 34 2506891 chr16:222071132220709222207071222070502220702922207008 BrainSknshraRep1_cluster_5091; chr16_Leu_TAG; - strand; Ticks on x-axis are at 21 nucleotides interval 10 3132302 chr16:222071132220709222207071222070502220702922207008 BreastMcf7Rep1_cluster_4519; chr16_Leu_TAG; - strand; Ticks on x-axis are at 21 nucleotides interval 8 1995253 chr16:222071132220709222207071222070502220702922207008 CervixHelas3Rep1_cluster_5384; chr16_Leu_TAG; - strand; Ticks on x-axis are at 21 nucleotides interval 28 2316428 chr16:222071132220709222207071222070502220702922207008 EpitheliumA549Rep1_cluster_4585; chr16_Leu_TAG; - strand; Ticks on x-axis are at 21 nucleotides interval 46 400215 chr16:222071132220709222207071222070502220702922207008 EscH1hescRep1_cluster_4217; chr16_Leu_TAG; - strand; Ticks on x-axis are at 21 nucleotides interval 78 852447 chr16:222071132220709222207071222070502220702922207008 LiverHepg2Rep1_cluster_2090; chr16_Leu_TAG; - strand; Ticks on x-axis are at 21 nucleotides interval 9 2998304 chr16:222071132220709222207071222070502220702922207008 LungAg04450Rep1_cluster_4961; chr16_Leu_TAG; - strand; Ticks on x-axis are at 21 nucleotides interval 9 48330 chr16:222071132220709222207071222070502220702922207008 SkinBjRep1_cluster_2230; chr16_Leu_TAG; - strand; Ticks on x-axis are at 21 nucleotides interval	39 9521853 chr16:222071132220709222207071222070502220702922207008 BloodGm12878Rep2_cluster_6639; chr16_Leu_TAG; - strand; Ticks on x-axis are at 21 nucleotides interval 36 1747195 chr16:222071132220709222207071222070502220702922207008 BrainSknshraRep2_cluster_4473; chr16_Leu_TAG; - strand; Ticks on x-axis are at 21 nucleotides interval 16 4472412 chr16:222071132220709222207071222070502220702922207008 BreastMcf7Rep2_cluster_4534; chr16_Leu_TAG; - strand; Ticks on x-axis are at 21 nucleotides interval 34 1832694 chr16:222071132220709222207071222070502220702922207008 CervixHelas3Rep2_cluster_5415; chr16_Leu_TAG; - strand; Ticks on x-axis are at 21 nucleotides interval 11 2274257 chr16:222071132220709222207071222070502220702922207008 EpitheliumA549Rep2_cluster_3714; chr16_Leu_TAG; - strand; Ticks on x-axis are at 21 nucleotides interval 15 381214 chr16:222071132220709222207071222070502220702922207008 EscH1hescRep2_cluster_4846; chr16_Leu_TAG; - strand; Ticks on x-axis are at 21 nucleotides interval 87 1064937 chr16:222071132220709222207071222070502220702922207008 LiverHepg2Rep2_cluster_3600; chr16_Leu_TAG; - strand; Ticks on x-axis are at 21 nucleotides interval 25 3558793 chr16:222071132220709222207071222070502220702922207008 LungAg04450Rep2_cluster_5395; chr16_Leu_TAG; - strand; Ticks on x-axis are at 21 nucleotides interval 7 1601874 chr16:222071132220709222207071222070502220702922207008 SkinBjRep2_cluster_3867; chr16_Leu_TAG; - strand; Ticks on x-axis are at 21 nucleotides interval
Identifer	bgN_22207007_22207047_chr16.conserved	NA
Cluster score	0.20	NA
Clusters	0,0,3,3,0,0,0,0,3,3,1,1,2,2,3,3,0,0	NA
Overlap	NA	

	Replicate 1	Replicate 2
	46 chr1:145382754 145382804 145382854 145382904 145382954 145383004 BloodGm12878Rep1_cluster_376; U1-related; + strand; Ticks on x-axis are at 50 nucleotides interval 4 chr1:145382754 145382804 145382854 145382904 145382954 145383004 BrainSknshraRep1_cluster_322; U1-related; + strand; Ticks on x-axis are at 50 nucleotides interval 104 chr1:145382754 145382804 145382854 145382904 145382954 145383004 BreastMcf7Rep1_cluster_279; U1-related; + strand; Ticks on x-axis are at 50 nucleotides interval 240 chr1:145382754 145382804 145382854 145382904 145382954 145383004 CervixHelas3Rep1_cluster_332; U1-related; + strand; Ticks on x-axis are at 50 nucleotides interval 50 chr1:145382754 145382804 145382854 145382904 145382954 145383004 EpitheliumA549Rep1_cluster_286; U1-related; + strand; Ticks on x-axis are at 50 nucleotides interval 191 chr1:145382754 145382804 145382854 145382904 145382954 145383004 EscH1hescRep1_cluster_293; U1-related; + strand; Ticks on x-axis are at 50 nucleotides interval 3576 chr1:145382754 145382804 145382854 145382904 145382954 145383004 LiverHepg2Rep1_cluster_146; U1-related; + strand; Ticks on x-axis are at 50 nucleotides interval 121 chr1:145382754 145382804 145382854 145382904 145382954 145383004 LungAg04450Rep1_cluster_311; U1-related; + strand; Ticks on x-axis are at 50 nucleotides interval 170 chr1:145382754 145382804 145382854 145382904 145382954 145383004 SkinBjRep1_cluster_152; U1-related; + strand; Ticks on x-axis are at 50 nucleotides interval 221 chr1:145382754 145382804 145382854 145382904 145382954 145383004 SkinBjRep1_cluster_152; U1-related; + strand; Ticks on x-axis are at 50 nucleotides interval	38 chr1:145382754 145382804 145382854 145382904 145382954 145383004 BloodGm12878Rep2_cluster_454; U1-related; + strand; Ticks on x-axis are at 50 nucleotides interval 9 chr1:145382754 145382804 145382854 145382904 145382954 145383004 BrainSknshraRep2_cluster_268; U1-related; + strand; Ticks on x-axis are at 50 nucleotides interval 107 chr1:145382754 145382804 145382854 145382904 145382954 145383004 BreastMcf7Rep2_cluster_294; U1-related; + strand; Ticks on x-axis are at 50 nucleotides interval 406 chr1:145382754 145382804 145382854 145382904 145382954 145383004 CervixHelas3Rep2_cluster_341; U1-related; + strand; Ticks on x-axis are at 50 nucleotides interval 29 chr1:145382754 145382804 145382854 145382904 145382954 145383004 EpitheliumA549Rep2_cluster_232; U1-related; + strand; Ticks on x-axis are at 50 nucleotides interval 315 chr1:145382754 145382804 145382854 145382904 145382954 145383004 EscH1hescRep2_cluster_341; U1-related; + strand; Ticks on x-axis are at 50 nucleotides interval 2463 chr1:145382754 145382804 145382854 145382904 145382954 145383004 LiverHepg2Rep2_cluster_235; U1-related; + strand; Ticks on x-axis are at 50 nucleotides interval 207 chr1:145382754 145382804 145382854 145382904 145382954 145383004 LungAg04450Rep2_cluster_335; U1-related; + strand; Ticks on x-axis are at 50 nucleotides interval 170 chr1:145382754 145382804 145382854 145382904 145382954 145383004 SkinBjRep2_cluster_248; U1-related; + strand; Ticks on x-axis are at 50 nucleotides interval 126 chr1:145382754 145382804 145382854 145382904 145382954 145383004 SkinBjRep2_cluster_248; U1-related; + strand; Ticks on x-axis are at 50 nucleotides interval
Identifer	bgP_145382754_145382790_chr1.conserved	NA
Cluster score	0.20	NA
Clusters	3,3,3,3,2,2,3,3,2,2,1,1,2,2,3,3,3,3	NA
Overlap	NA	

	Replicate 1	Replicate 2
	47129 chr19:499944294999444649994463499944804999449749994514 BloodGm12878Rep1_cluster_7016; U35A; + strand; Ticks on x-axis are at 17 nucleotides interval 6284412 chr19:499944294999444649994463499944804999449749994514 BrainSknshraRep1_cluster_6373; U35A; + strand; Ticks on x-axis are at 17 nucleotides interval 36718 chr19:499944294999444649994463499944804999449749994514 BreastMcf7Rep1_cluster_5624; U35A; + strand; Ticks on x-axis are at 17 nucleotides interval 628164 chr19:499944294999444649994463499944804999449749994514 CervixHelas3Rep1_cluster_6655; U35A; + strand; Ticks on x-axis are at 17 nucleotides interval 4460111 chr19:499944294999444649994463499944804999449749994514 EpitheliumA549Rep1_cluster_5716; U35A; + strand; Ticks on x-axis are at 17 nucleotides interval 92129 chr19:499944294999444649994463499944804999449749994514 EscH1hescRep1_cluster_5243; U35A; + strand; Ticks on x-axis are at 17 nucleotides interval 133810 chr19:499944294999444649994463499944804999449749994514 LiverHepg2Rep1_cluster_2626; U35A; + strand; Ticks on x-axis are at 17 nucleotides interval 1755236 chr19:499944294999444649994463499944804999449749994514 LungAg04450Rep1_cluster_6115; U35A; + strand; Ticks on x-axis are at 17 nucleotides interval 12197420 chr19:499944294999444649994463499944804999449749994514 SkinBjRep1_cluster_2750; U35A; + strand; Ticks on x-axis are at 17 nucleotides interval	1034510 chr19:499944294999444649994463499944804999449749994514 BloodGm12878Rep2_cluster_8418; U35A; + strand; Ticks on x-axis are at 17 nucleotides interval 7802212 chr19:499944294999444649994463499944804999449749994514 BrainSknshraRep2_cluster_5608; U35A; + strand; Ticks on x-axis are at 17 nucleotides interval 517118 chr19:499944294999444649994463499944804999449749994514 BreastMcf7Rep2_cluster_5710; U35A; + strand; Ticks on x-axis are at 17 nucleotides interval 10130 chr19:499944294999444649994463499944804999449749994514 CervixHelas3Rep2_cluster_6708; U35A; + strand; Ticks on x-axis are at 17 nucleotides interval 461118 chr19:499944294999444649994463499944804999449749994514 EpitheliumA549Rep2_cluster_4644; U35A; + strand; Ticks on x-axis are at 17 nucleotides interval 79117 chr19:499944294999444649994463499944804999449749994514 EscH1hescRep2_cluster_6031; U35A; + strand; Ticks on x-axis are at 17 nucleotides interval 1061410 chr19:499944294999444649994463499944804999449749994514 LiverHepg2Rep2_cluster_4495; U35A; + strand; Ticks on x-axis are at 17 nucleotides interval 2736138 chr19:499944294999444649994463499944804999449749994514 LungAg04450Rep2_cluster_6700; U35A; + strand; Ticks on x-axis are at 17 nucleotides interval 2387114 chr19:499944294999444649994463499944804999449749994514 SkinBjRep2_cluster_4723; U35A; + strand; Ticks on x-axis are at 17 nucleotides interval
Identifer	bgP_49994429_49994511_chr19.conserved	NA
Cluster score	0.20	NA
Clusters	0,0,2,2,0,0,0,0,2,2,1,1,1,1,0,0,0,0	NA
Overlap	NA	

	Replicate 1	Replicate 2
	6182541532401 chr16:585825415858251358582485585824575858242958582401 BloodGm12878Rep1_cluster_5665; ACA46; - strand; Ticks on x-axis are at 28 nucleotides interval 224723462401 chr16:585825415858251358582485585824575858242958582401 BrainSknshraRep1_cluster_5161; ACA46; - strand; Ticks on x-axis are at 28 nucleotides interval 1511222401 chr16:585825415858251358582485585824575858242958582401 BreastMcf7Rep1_cluster_4590; ACA46; - strand; Ticks on x-axis are at 28 nucleotides interval 11351211702401 chr16:585825415858251358582485585824575858242958582401 CervixHelas3Rep1_cluster_5450; ACA46; - strand; Ticks on x-axis are at 28 nucleotides interval 122210322401 chr16:585825415858251358582485585824575858242958582401 EpitheliumA549Rep1_cluster_4637; ACA46; - strand; Ticks on x-axis are at 28 nucleotides interval 4032582401 chr16:585825415858251358582485585824575858242958582401 EscH1hescrep1_cluster_4276; ACA46; - strand; Ticks on x-axis are at 28 nucleotides interval 4789642401 chr16:585825415858251358582485585824575858242958582401 LiverHepg2Rep1_cluster_2113; ACA46; - strand; Ticks on x-axis are at 28 nucleotides interval 244523492401 chr16:585825415858251358582485585824575858242958582401 LungAg04450Rep1_cluster_5021; ACA46; - strand; Ticks on x-axis are at 28 nucleotides interval 572963922401 chr16:585825415858251358582485585824575858242958582401 SkinBjRep1_cluster_2259; ACA46; - strand; Ticks on x-axis are at 28 nucleotides interval	67855502401 chr16:585825415858251358582485585824575858242958582401 BloodGm12878Rep2_cluster_6745; ACA46; - strand; Ticks on x-axis are at 28 nucleotides interval 162221452401 chr16:585825415858251358582485585824575858242958582401 BrainSknshraRep2_cluster_4538; ACA46; - strand; Ticks on x-axis are at 28 nucleotides interval 2914422401 chr16:585825415858251358582485585824575858242958582401 BreastMcf7Rep2_cluster_4602; ACA46; - strand; Ticks on x-axis are at 28 nucleotides interval 11312852401 chr16:585825415858251358582485585824575858242958582401 CervixHelas3Rep2_cluster_5483; ACA46; - strand; Ticks on x-axis are at 28 nucleotides interval 13409642401 chr16:585825415858251358582485585824575858242958582401 EpitheliumA549Rep2_cluster_3754; ACA46; - strand; Ticks on x-axis are at 28 nucleotides interval 2520502401 chr16:585825415858251358582485585824575858242958582401 EscH1hescrep2_cluster_4918; ACA46; - strand; Ticks on x-axis are at 28 nucleotides interval 15332682401 chr16:585825415858251358582485585824575858242958582401 LiverHepg2Rep2_cluster_3645; ACA46; - strand; Ticks on x-axis are at 28 nucleotides interval 210510422401 chr16:585825415858251358582485585824575858242958582401 LungAg04450Rep2_cluster_5464; ACA46; - strand; Ticks on x-axis are at 28 nucleotides interval 186381362401 chr16:585825415858251358582485585824575858242958582401 SkinBjRep2_cluster_3915; ACA46; - strand; Ticks on x-axis are at 28 nucleotides interval
Identifer	bgN_58582401_58582428_chr16.conservd	NA
Cluster score	0.20	NA
Clusters	2,2,2,2,1,1,0,0,2,2,1,1,1,1,2,2,0,0	NA
Overlap	NA	

	Replicate 1	Replicate 2
	8593072 chr6:272481292724811227248095272480782724806127248044 BloodGm12878Rep1_cluster_13021; chr6_Val_CAC; - strand; Ticks on x-axis are at 17 nucleotides interval	11956214 chr6:272481292724811227248095272480782724806127248044 BloodGm12878Rep2_cluster_15535; chr6_Val_CAC; - strand; Ticks on x-axis are at 17 nucleotides interval
	659248 chr6:272481292724811227248095272480782724806127248044 BrainSknshraRep1_cluster_11890; chr6_Val_CAC; - strand; Ticks on x-axis are at 17 nucleotides interval	659230 chr6:272481292724811227248095272480782724806127248044 BrainSknshraRep2_cluster_10473; chr6_Val_CAC; - strand; Ticks on x-axis are at 17 nucleotides interval
	50498 chr6:272481292724811227248095272480782724806127248044 BreastMcf7Rep1_cluster_10533; chr6_Val_CAC; - strand; Ticks on x-axis are at 17 nucleotides interval	1218418 chr6:272481292724811227248095272480782724806127248044 BreastMcf7Rep2_cluster_10674; chr6_Val_CAC; - strand; Ticks on x-axis are at 17 nucleotides interval
	542617 chr6:272481292724811227248095272480782724806127248044 CervixHelas3Rep1_cluster_12562; chr6_Val_CAC; - strand; Ticks on x-axis are at 17 nucleotides interval	22771084 chr6:272481292724811227248095272480782724806127248044 CervixHelas3Rep2_cluster_12545; chr6_Val_CAC; - strand; Ticks on x-axis are at 17 nucleotides interval
	984534 chr6:272481292724811227248095272480782724806127248044 EpitheliumA549Rep1_cluster_10583; chr6_Val_CAC; - strand; Ticks on x-axis are at 17 nucleotides interval	1036182 chr6:272481292724811227248095272480782724806127248044 EpitheliumA549Rep2_cluster_8560; chr6_Val_CAC; - strand; Ticks on x-axis are at 17 nucleotides interval
	1823367 chr6:272481292724811227248095272480782724806127248044 EscH1hescRep1_cluster_9884; chr6_Val_CAC; - strand; Ticks on x-axis are at 17 nucleotides interval	1378558 chr6:272481292724811227248095272480782724806127248044 EscH1hescRep2_cluster_11465; chr6_Val_CAC; - strand; Ticks on x-axis are at 17 nucleotides interval
	2046158 chr6:272481292724811227248095272480782724806127248044 LiverHepg2Rep1_cluster_4789; chr6_Val_CAC; - strand; Ticks on x-axis are at 17 nucleotides interval	2620223 chr6:272481292724811227248095272480782724806127248044 LiverHepg2Rep2_cluster_8335; chr6_Val_CAC; - strand; Ticks on x-axis are at 17 nucleotides interval
	2077312 chr6:272481292724811227248095272480782724806127248044 LungAg04450Rep1_cluster_11356; chr6_Val_CAC; - strand; Ticks on x-axis are at 17 nucleotides interval	1634646 chr6:272481292724811227248095272480782724806127248044 LungAg04450Rep2_cluster_12431; chr6_Val_CAC; - strand; Ticks on x-axis are at 17 nucleotides interval
	542208 chr6:272481292724811227248095272480782724806127248044 SkinBjRep1_cluster_4995; chr6_Val_CAC; - strand; Ticks on x-axis are at 17 nucleotides interval	438416 chr6:272481292724811227248095272480782724806127248044 SkinBjRep2_cluster_8828; chr6_Val_CAC; - strand; Ticks on x-axis are at 17 nucleotides interval
Identifer	bgN_27248045_27248124_chr6.conserved	NA
Cluster score	0.20	NA
Clusters	1,1,2,2,0,0,2,2,2,2,2,2,3,3,2,2,2,2	NA
Overlap	NA	

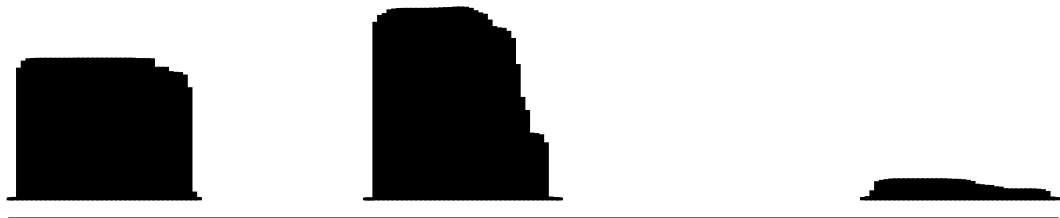
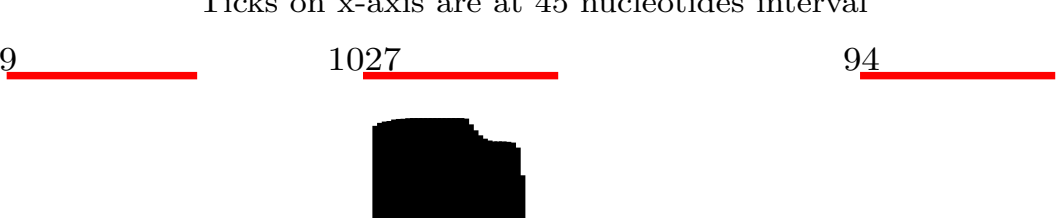
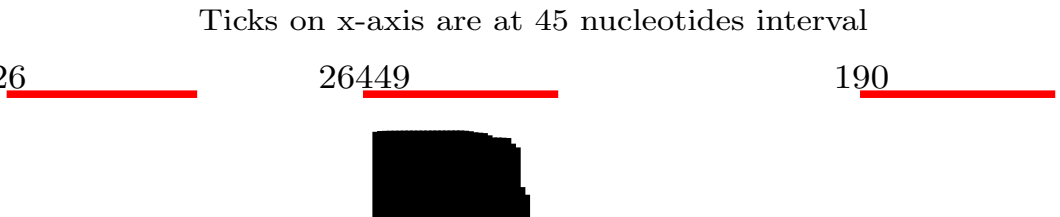
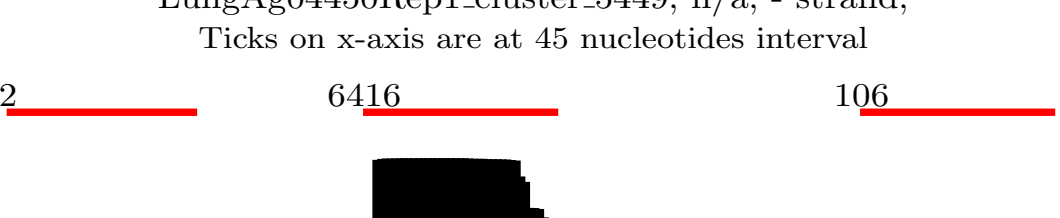
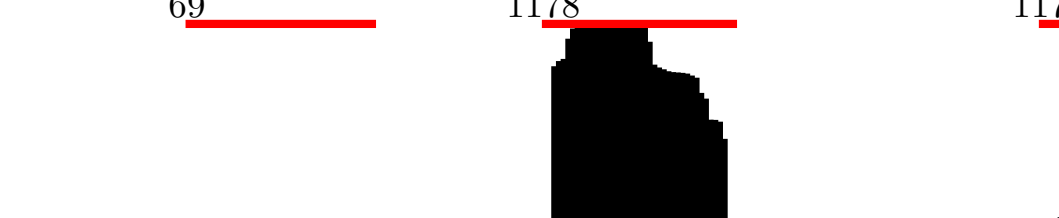
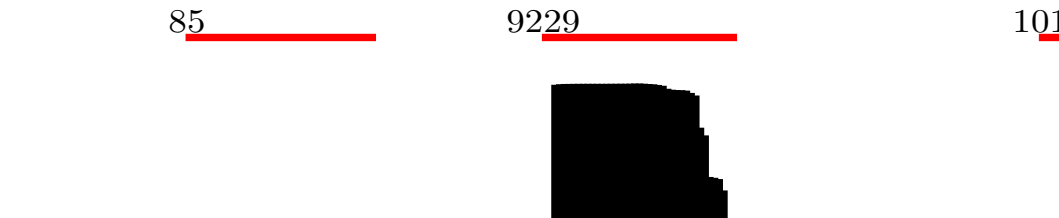
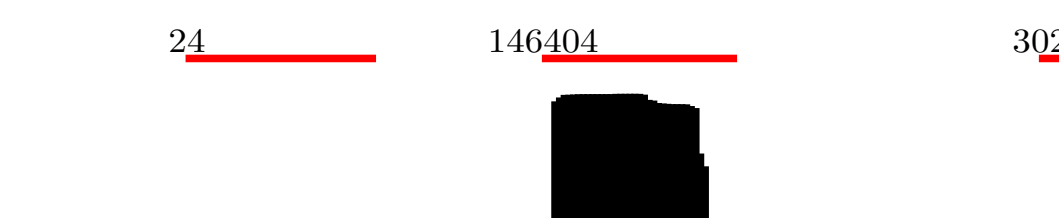
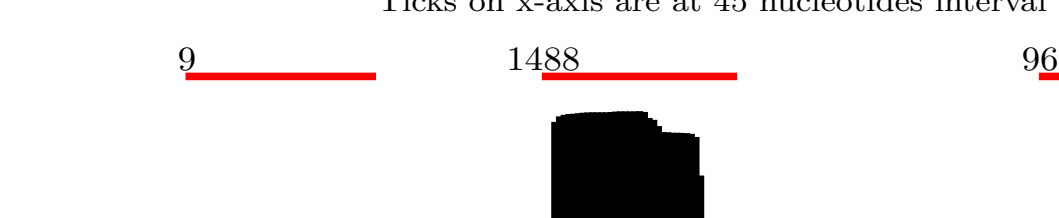
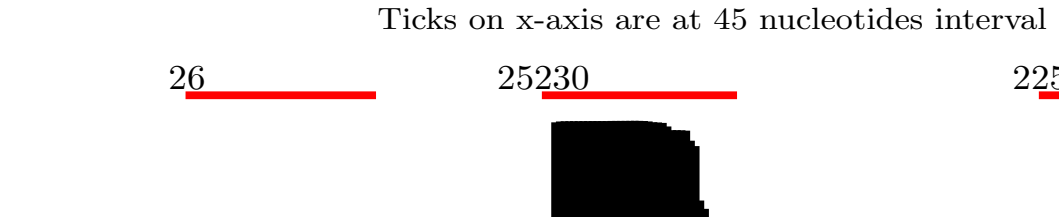
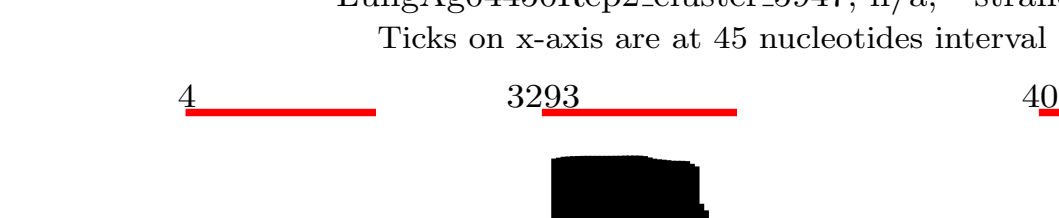
	Replicate 1	Replicate 2
	199 110 157 chr17:8130019 8129998 8129977 8129956 8129935 8129914 BloodGm12878Rep1_cluster_6130; chr17_Ser_AGA; - strand; Ticks on x-axis are at 21 nucleotides interval	219 259 402

chr17:8130019 8129998 8129977 8129956 8129935 8129914

BloodGm12878Rep2_cluster_7344; chr17_Ser_AGA; - strand;

Ticks on x-axis are at 21 nucleotides interval

	Replicate 1	Replicate 2
	10402 44 chrX:535832825358326253583242535832225358320253583182 BloodGm12878Rep1_cluster_16216; hsa-mir-98; - strand; Ticks on x-axis are at 20 nucleotides interval	10955 44 chrX:535832825358326253583242535832225358320253583182 BloodGm12878Rep2_cluster_19334; hsa-mir-98; - strand; Ticks on x-axis are at 20 nucleotides interval
	17292 5 chrX:535832825358326253583242535832225358320253583182 BrainSknshraRep1_cluster_14906; hsa-mir-98; - strand; Ticks on x-axis are at 20 nucleotides interval	17154 3 chrX:535832825358326253583242535832225358320253583182 BrainSknshraRep2_cluster_13114; hsa-mir-98; - strand; Ticks on x-axis are at 20 nucleotides interval
	38544 2 chrX:535832825358326253583242535832225358320253583182 BreastMcf7Rep1_cluster_13121; hsa-mir-98; - strand; Ticks on x-axis are at 20 nucleotides interval	106671 7 chrX:535832825358326253583242535832225358320253583182 BreastMcf7Rep2_cluster_13357; hsa-mir-98; - strand; Ticks on x-axis are at 20 nucleotides interval
	172869 40 chrX:535832825358326253583242535832225358320253583182 CervixHelas3Rep1_cluster_15653; hsa-mir-98; - strand; Ticks on x-axis are at 20 nucleotides interval	355098 41 chrX:535832825358326253583242535832225358320253583182 CervixHelas3Rep2_cluster_15719; hsa-mir-98; - strand; Ticks on x-axis are at 20 nucleotides interval
	14370 6 chrX:535832825358326253583242535832225358320253583182 EpitheliumA549Rep1_cluster_13200; hsa-mir-98; - strand; Ticks on x-axis are at 20 nucleotides interval	25575 14 chrX:535832825358326253583242535832225358320253583182 EpitheliumA549Rep2_cluster_10694; hsa-mir-98; - strand; Ticks on x-axis are at 20 nucleotides interval
	41 7 chrX:535832825358326253583242535832225358320253583182 EscH1hescRep1_cluster_12439; hsa-mir-98; - strand; Ticks on x-axis are at 20 nucleotides interval	40 9 chrX:535832825358326253583242535832225358320253583182 EscH1hescRep2_cluster_14407; hsa-mir-98; - strand; Ticks on x-axis are at 20 nucleotides interval
	64 1 chrX:535832825358326253583242535832225358320253583182 LiverHepg2Rep1_cluster_6032; hsa-mir-98; - strand; Ticks on x-axis are at 20 nucleotides interval	48 3 chrX:535832825358326253583242535832225358320253583182 LiverHepg2Rep2_cluster_10450; hsa-mir-98; - strand; Ticks on x-axis are at 20 nucleotides interval
	47612 2 chrX:535832825358326253583242535832225358320253583182 LungAg04450Rep1_cluster_14204; hsa-mir-98; - strand; Ticks on x-axis are at 20 nucleotides interval	27852 3 chrX:535832825358326253583242535832225358320253583182 LungAg04450Rep2_cluster_15521; hsa-mir-98; - strand; Ticks on x-axis are at 20 nucleotides interval
	22017 2 chrX:535832825358326253583242535832225358320253583182 SkinBjRep1_cluster_6229; hsa-mir-98; - strand; Ticks on x-axis are at 20 nucleotides interval	94209 8 chrX:535832825358326253583242535832225358320253583182 SkinBjRep2_cluster_11016; hsa-mir-98; - strand; Ticks on x-axis are at 20 nucleotides interval
Identifer	bgN_53583181_53583281_chrX.conserved	NA
Cluster score	0.19	NA
Clusters	1,1,3,3,3,3,3,3,3,2,2,2,2,3,3,3	NA
Overlap	NA	

	Replicate 1	Replicate 2
	1990 2719 274  chr17:33478353 33478308 33478263 33478218 33478173 33478128 BloodGm12878Rep1_cluster_6210; n/a; - strand; Ticks on x-axis are at 45 nucleotides interval 70 28103 363  chr17:33478353 33478308 33478263 33478218 33478173 33478128 BrainSknshraRep1_cluster_5653; n/a; - strand; Ticks on x-axis are at 45 nucleotides interval 163 20820 109  chr17:33478353 33478308 33478263 33478218 33478173 33478128 BreastMcf7Rep1_cluster_5029; n/a; - strand; Ticks on x-axis are at 45 nucleotides interval 407 2764 706  chr17:33478353 33478308 33478263 33478218 33478173 33478128 CervixHelas3Rep1_cluster_5959; n/a; - strand; Ticks on x-axis are at 45 nucleotides interval 291 8454 218  chr17:33478353 33478308 33478263 33478218 33478173 33478128 EpitheliumA549Rep1_cluster_5072; n/a; - strand; Ticks on x-axis are at 45 nucleotides interval 14 172150 283  chr17:33478353 33478308 33478263 33478218 33478173 33478128 EscH1hescRep1_cluster_4699; n/a; - strand; Ticks on x-axis are at 45 nucleotides interval 9 1027 94  chr17:33478353 33478308 33478263 33478218 33478173 33478128 LiverHepg2Rep1_cluster_2343; n/a; - strand; Ticks on x-axis are at 45 nucleotides interval 26 26449 190  chr17:33478353 33478308 33478263 33478218 33478173 33478128 LungAg04450Rep1_cluster_5449; n/a; - strand; Ticks on x-axis are at 45 nucleotides interval 2 6416 106  chr17:33478353 33478308 33478263 33478218 33478173 33478128 SkinBjRep1_cluster_2468; n/a; - strand; Ticks on x-axis are at 45 nucleotides interval	1084 6687 430  chr17:33478353 33478308 33478263 33478218 33478173 33478128 BloodGm12878Rep2_cluster_7441; n/a; - strand; Ticks on x-axis are at 45 nucleotides interval 48 48662 367  chr17:33478353 33478308 33478263 33478218 33478173 33478128 BrainSknshraRep2_cluster_4973; n/a; - strand; Ticks on x-axis are at 45 nucleotides interval 312 23144 285  chr17:33478353 33478308 33478263 33478218 33478173 33478128 BreastMcf7Rep2_cluster_5081; n/a; - strand; Ticks on x-axis are at 45 nucleotides interval 69 1178 117  chr17:33478353 33478308 33478263 33478218 33478173 33478128 CervixHelas3Rep2_cluster_5994; n/a; - strand; Ticks on x-axis are at 45 nucleotides interval 85 9229 101  chr17:33478353 33478308 33478263 33478218 33478173 33478128 EpitheliumA549Rep2_cluster_4154; n/a; - strand; Ticks on x-axis are at 45 nucleotides interval 24 146404 302  chr17:33478353 33478308 33478263 33478218 33478173 33478128 EscH1hescRep2_cluster_5381; n/a; - strand; Ticks on x-axis are at 45 nucleotides interval 9 1488 96  chr17:33478353 33478308 33478263 33478218 33478173 33478128 LiverHepg2Rep2_cluster_4003; n/a; - strand; Ticks on x-axis are at 45 nucleotides interval 26 25230 225  chr17:33478353 33478308 33478263 33478218 33478173 33478128 LungAg04450Rep2_cluster_5947; n/a; - strand; Ticks on x-axis are at 45 nucleotides interval 4 3293 40  chr17:33478353 33478308 33478263 33478218 33478173 33478128 SkinBjRep2_cluster_4251; n/a; - strand; Ticks on x-axis are at 45 nucleotides interval
Identifer	bgN_33478130_33478275_chr17.conservd	NA
Cluster score	0.19	NA
Clusters	0,0,2,2,2,0,0,0,0,1,1,3,3,2,2,2,2	NA
Overlap	NA	

	Replicate 1	Replicate 2
	4293 chr6:158824690158824681158824672158824663158824654158824645 BloodGm12878Rep1_cluster_13395; tRNA_RF00005; - strand; Ticks on x-axis are at 9 nucleotides interval 1179 chr6:158824690158824681158824672158824663158824654158824645 BrainSknshraRep1_cluster_12245; tRNA_RF00005; - strand; Ticks on x-axis are at 9 nucleotides interval 3104 chr6:158824690158824681158824672158824663158824654158824645 BreastMcf7Rep1_cluster_10818; tRNA_RF00005; - strand; Ticks on x-axis are at 9 nucleotides interval 5151 chr6:158824690158824681158824672158824663158824654158824645 CervixHelas3Rep1_cluster_12913; tRNA_RF00005; - strand; Ticks on x-axis are at 9 nucleotides interval 4250 chr6:158824690158824681158824672158824663158824654158824645 EpitheliumA549Rep1_cluster_10889; tRNA_RF00005; - strand; Ticks on x-axis are at 9 nucleotides interval 1256 chr6:158824690158824681158824672158824663158824654158824645 EscH1hescRep1_cluster_10205; tRNA_RF00005; - strand; Ticks on x-axis are at 9 nucleotides interval 288 chr6:158824690158824681158824672158824663158824654158824645 LiverHepg2Rep1_cluster_4947; tRNA_RF00005; - strand; Ticks on x-axis are at 9 nucleotides interval 175 chr6:158824690158824681158824672158824663158824654158824645 LungAg04450Rep1_cluster_11705; tRNA_RF00005; - strand; Ticks on x-axis are at 9 nucleotides interval 318 chr6:158824690158824681158824672158824663158824654158824645 SkinBjRep1_cluster_5149; tRNA_RF00005; - strand; Ticks on x-axis are at 9 nucleotides interval	9445 chr6:158824690158824681158824672158824663158824654158824645 BloodGm12878Rep2_cluster_15975; tRNA_RF00005; - strand; Ticks on x-axis are at 9 nucleotides interval 1112 chr6:158824690158824681158824672158824663158824654158824645 BrainSknshraRep2_cluster_10777; tRNA_RF00005; - strand; Ticks on x-axis are at 9 nucleotides interval 2428 chr6:158824690158824681158824672158824663158824654158824645 BreastMcf7Rep2_cluster_10973; tRNA_RF00005; - strand; Ticks on x-axis are at 9 nucleotides interval 18190 chr6:158824690158824681158824672158824663158824654158824645 CervixHelas3Rep2_cluster_12908; tRNA_RF00005; - strand; Ticks on x-axis are at 9 nucleotides interval 2175 chr6:158824690158824681158824672158824663158824654158824645 EpitheliumA549Rep2_cluster_8799; tRNA_RF00005; - strand; Ticks on x-axis are at 9 nucleotides interval 1569 chr6:158824690158824681158824672158824663158824654158824645 EscH1hescRep2_cluster_11837; tRNA_RF00005; - strand; Ticks on x-axis are at 9 nucleotides interval 1913 chr6:158824690158824681158824672158824663158824654158824645 LiverHepg2Rep2_cluster_8604; tRNA_RF00005; - strand; Ticks on x-axis are at 9 nucleotides interval 1259 chr6:158824690158824681158824672158824663158824654158824645 LungAg04450Rep2_cluster_12789; tRNA_RF00005; - strand; Ticks on x-axis are at 9 nucleotides interval 660 chr6:158824690158824681158824672158824663158824654158824645 SkinBjRep2_cluster_9102; tRNA_RF00005; - strand; Ticks on x-axis are at 9 nucleotides interval
Identifer	bgN_158824644_158824663.chr6.conserved	NA
Cluster score	0.19	NA
Clusters	2,2,2,2,2,0,0,2,2,3,3,1,1,2,2,3,3	NA
Overlap	NA	

	Replicate 1	Replicate 2
	14103 chr17:8090262 8090321 8090380 8090439 8090498 8090557 BloodGm12878Rep1_cluster_5809; chr17_Thr_AGT; + strand; Ticks on x-axis are at 59 nucleotides interval 2018	23372 chr17:8090262 8090321 8090380 8090439 8090498 8090557 BloodGm12878Rep2_cluster_6938; chr17_Thr_AGT; + strand; Ticks on x-axis are at 59 nucleotides interval 6939
	18837 chr17:8090262 8090321 8090380 8090439 8090498 8090557 BrainSknshraRep1_cluster_5282; chr17_Thr_AGT; + strand; Ticks on x-axis are at 59 nucleotides interval 1254	11166 chr17:8090262 8090321 8090380 8090439 8090498 8090557 BrainSknshraRep2_cluster_4645; chr17_Thr_AGT; + strand; Ticks on x-axis are at 59 nucleotides interval 1405
	4186 chr17:8090262 8090321 8090380 8090439 8090498 8090557 BreastMcf7Rep1_cluster_4699; chr17_Thr_AGT; + strand; Ticks on x-axis are at 59 nucleotides interval 708	8723 chr17:8090262 8090321 8090380 8090439 8090498 8090557 BreastMcf7Rep2_cluster_4718; chr17_Thr_AGT; + strand; Ticks on x-axis are at 59 nucleotides interval 2061
	15284 chr17:8090262 8090321 8090380 8090439 8090498 8090557 CervixHelas3Rep1_cluster_5590; chr17_Thr_AGT; + strand; Ticks on x-axis are at 59 nucleotides interval 3584	3949 chr17:8090262 8090321 8090380 8090439 8090498 8090557 CervixHelas3Rep2_cluster_5621; chr17_Thr_AGT; + strand; Ticks on x-axis are at 59 nucleotides interval 3176
	6441 chr17:8090262 8090321 8090380 8090439 8090498 8090557 EpitheliumA549Rep1_cluster_4741; chr17_Thr_AGT; + strand; Ticks on x-axis are at 59 nucleotides interval 2875	5958 chr17:8090262 8090321 8090380 8090439 8090498 8090557 EpitheliumA549Rep2_cluster_3852; chr17_Thr_AGT; + strand; Ticks on x-axis are at 59 nucleotides interval 2039
	806 chr17:8090262 8090321 8090380 8090439 8090498 8090557 EscH1hescRep1_cluster_4378; chr17_Thr_AGT; + strand; Ticks on x-axis are at 59 nucleotides interval 1413	994 chr17:8090262 8090321 8090380 8090439 8090498 8090557 EscH1hescRep2_cluster_5025; chr17_Thr_AGT; + strand; Ticks on x-axis are at 59 nucleotides interval 1623
	197 chr17:8090262 8090321 8090380 8090439 8090498 8090557 LiverHepg2Rep1_cluster_2162; chr17_Thr_AGT; + strand; Ticks on x-axis are at 59 nucleotides interval 2249	316 chr17:8090262 8090321 8090380 8090439 8090498 8090557 LiverHepg2Rep2_cluster_3728; chr17_Thr_AGT; + strand; Ticks on x-axis are at 59 nucleotides interval 3419
	25467 chr17:8090262 8090321 8090380 8090439 8090498 8090557 LungAg04450Rep1_cluster_5135; chr17_Ser_GCT; + strand; Ticks on x-axis are at 59 nucleotides interval 1448	20314 chr17:8090262 8090321 8090380 8090439 8090498 8090557 LungAg04450Rep2_cluster_5592; chr17_Thr_AGT; + strand; Ticks on x-axis are at 59 nucleotides interval 1968
	453 chr17:8090262 8090321 8090380 8090439 8090498 8090557 SkinBjRep1_cluster_2301; chr17_Thr_AGT; + strand; Ticks on x-axis are at 59 nucleotides interval 1046	2460 chr17:8090262 8090321 8090380 8090439 8090498 8090557 SkinBjRep2_cluster_4002; chr17_Thr_AGT; + strand; Ticks on x-axis are at 59 nucleotides interval 1615
Identifer	bgP_8090262_8090293_chr17.conserved	NA
Cluster score	0.19	NA
Clusters	2,2,2,2,2,0,0,2,2,3,3,1,1,2,2,0,0	NA
Overlap	NA	

	Replicate 1	Replicate 2
	1985478 chr14:210820312108201421081997210819802108196321081946 BloodGm12878Rep1_cluster_4469; chr14_Thr_TGT; - strand; Ticks on x-axis are at 17 nucleotides interval	23501027 chr14:210820312108201421081997210819802108196321081946 BloodGm12878Rep2_cluster_5294; chr14_Thr_TGT; - strand; Ticks on x-axis are at 17 nucleotides interval
	1056172 chr14:210820312108201421081997210819802108196321081946 BrainSknshraRep1_cluster_4130; chr14_Thr_TGT; - strand; Ticks on x-axis are at 17 nucleotides interval	942121 chr14:210820312108201421081997210819802108196321081946 BrainSknshraRep2_cluster_3610; chr14_Thr_TGT; - strand; Ticks on x-axis are at 17 nucleotides interval
	18074 chr14:210820312108201421081997210819802108196321081946 BreastMcf7Rep1_cluster_3652; chr14_Thr_TGT; - strand; Ticks on x-axis are at 17 nucleotides interval	571288 chr14:210820312108201421081997210819802108196321081946 BreastMcf7Rep2_cluster_3635; chr14_Thr_TGT; - strand; Ticks on x-axis are at 17 nucleotides interval
	91235 chr14:210820312108201421081997210819802108196321081946 CervixHelas3Rep1_cluster_4351; chr14_Thr_TGT; - strand; Ticks on x-axis are at 17 nucleotides interval	14365 chr14:210820312108201421081997210819802108196321081946 CervixHelas3Rep2_cluster_4372; chr14_Thr_TGT; - strand; Ticks on x-axis are at 17 nucleotides interval
	5583289 chr14:210820312108201421081997210819802108196321081946 EpitheliumA549Rep1_cluster_3732; chr14_Thr_TGT; - strand; Ticks on x-axis are at 17 nucleotides interval	2293143 chr14:210820312108201421081997210819802108196321081946 EpitheliumA549Rep2_cluster_3012; chr14_Thr_TGT; - strand; Ticks on x-axis are at 17 nucleotides interval
	41156 chr14:210820312108201421081997210819802108196321081946 EscH1hescRep1_cluster_3347; chr14_Thr_TGT; - strand; Ticks on x-axis are at 17 nucleotides interval	21121 chr14:210820312108201421081997210819802108196321081946 EscH1hescRep2_cluster_3863; chr14_Thr_TGT; - strand; Ticks on x-axis are at 17 nucleotides interval
	562526 chr14:210820312108201421081997210819802108196321081946 LiverHepg2Rep1_cluster_1651; chr14_Thr_TGT; - strand; Ticks on x-axis are at 17 nucleotides interval	1107940 chr14:210820312108201421081997210819802108196321081946 LiverHepg2Rep2_cluster_2858; chr14_Thr_TGT; - strand; Ticks on x-axis are at 17 nucleotides interval
	970208 chr14:210820312108201421081997210819802108196321081946 LungAg04450Rep1_cluster_4034; chr14_Thr_TGT; - strand; Ticks on x-axis are at 17 nucleotides interval	1190283 chr14:210820312108201421081997210819802108196321081946 LungAg04450Rep2_cluster_4380; chr14_Thr_TGT; - strand; Ticks on x-axis are at 17 nucleotides interval
	14132 chr14:210820312108201421081997210819802108196321081946 SkinBjRep1_cluster_1795; chr14_Thr_TGT; - strand; Ticks on x-axis are at 17 nucleotides interval	10137 chr14:210820312108201421081997210819802108196321081946 SkinBjRep2_cluster_3122; chr14_Thr_TGT; - strand; Ticks on x-axis are at 17 nucleotides interval
Identifer	bgN_21081945_21082031_chr14.conservd	NA
Cluster score	0.19	NA
Clusters	2,2,2,2,2,1,1,2,2,1,1,2,2,2,1,1	NA
Overlap	NA	

	Replicate 1	Replicate 2
	4418 96 chr6:27721273 27721250 27721227 27721204 27721181 27721158 BloodGm12878Rep1_cluster_13043; chr6_Val_AAC; - strand; Ticks on x-axis are at 23 nucleotides interval 11143 134 chr6:27721273 27721250 27721227 27721204 27721181 27721158 BrainSknshraRep1_cluster_11913; chr6_Val_AAC; - strand; Ticks on x-axis are at 23 nucleotides interval 1026 26 chr6:27721273 27721250 27721227 27721204 27721181 27721158 BreastMcf7Rep1_cluster_10554; chr6_Val_AAC; - strand; Ticks on x-axis are at 23 nucleotides interval 1555 79 chr6:27721273 27721250 27721227 27721204 27721181 27721158 CervixHelas3Rep1_cluster_12582; chr6_Val_AAC; - strand; Ticks on x-axis are at 23 nucleotides interval 888 35 chr6:27721273 27721250 27721227 27721204 27721181 27721158 EpitheliumA549Rep1_cluster_10606; chr6_Val_AAC; - strand; Ticks on x-axis are at 23 nucleotides interval 3932 2 chr6:27721273 27721250 27721227 27721204 27721181 27721158 EscH1hescRep1_cluster_9906; chr6_Val_AAC; - strand; Ticks on x-axis are at 23 nucleotides interval 182 3 chr6:27721273 27721250 27721227 27721204 27721181 27721158 LiverHepg2Rep1_cluster_4809; chr6_Val_AAC; - strand; Ticks on x-axis are at 23 nucleotides interval 17133 65 chr6:27721273 27721250 27721227 27721204 27721181 27721158 LungAg04450Rep1_cluster_11377; chr6_Val_AAC; - strand; Ticks on x-axis are at 23 nucleotides interval 771 2 chr6:27721273 27721250 27721227 27721204 27721181 27721158 SkinBjRep1_cluster_5016; chr6_Val_AAC; - strand; Ticks on x-axis are at 23 nucleotides interval	15351 60 chr6:27721273 27721250 27721227 27721204 27721181 27721158 BloodGm12878Rep2_cluster_15558; chr6_Val_AAC; - strand; Ticks on x-axis are at 23 nucleotides interval 691 76 chr6:27721273 27721250 27721227 27721204 27721181 27721158 BrainSknshraRep2_cluster_10493; chr6_Val_AAC; - strand; Ticks on x-axis are at 23 nucleotides interval 2334 22 chr6:27721273 27721250 27721227 27721204 27721181 27721158 BreastMcf7Rep2_cluster_10696; chr6_Val_AAC; - strand; Ticks on x-axis are at 23 nucleotides interval 1015 102 chr6:27721273 27721250 27721227 27721204 27721181 27721158 CervixHelas3Rep2_cluster_12569; chr6_Val_AAC; - strand; Ticks on x-axis are at 23 nucleotides interval 761 21 chr6:27721273 27721250 27721227 27721204 27721181 27721158 EpitheliumA549Rep2_cluster_8583; chr6_Val_AAC; - strand; Ticks on x-axis are at 23 nucleotides interval 2519 4 chr6:27721273 27721250 27721227 27721204 27721181 27721158 EscH1hescRep2_cluster_11486; chr6_Val_AAC; - strand; Ticks on x-axis are at 23 nucleotides interval 2159 2 chr6:27721273 27721250 27721227 27721204 27721181 27721158 LiverHepg2Rep2_cluster_8357; chr6_Val_AAC; - strand; Ticks on x-axis are at 23 nucleotides interval 12132 75 chr6:27721273 27721250 27721227 27721204 27721181 27721158 LungAg04450Rep2_cluster_12452; chr6_Val_AAC; - strand; Ticks on x-axis are at 23 nucleotides interval 2227 9 chr6:27721273 27721250 27721227 27721204 27721181 27721158 SkinBjRep2_cluster_8849; chr6_Val_AAC; - strand; Ticks on x-axis are at 23 nucleotides interval
Identifer	bgN_27721159_27721261_chr6.conserved	NA
Cluster score	0.19	NA
Clusters	1,1,3,3,0,0,0,3,3,0,0,2,2,3,3,0,0	NA
Overlap	NA	

	Replicate 1 17 1 19 71 264 chr17:802375480237158023676802363780235988023559 BloodGm12878Rep1_cluster_6121; chr17_Leu_TAG; - strand; Ticks on x-axis are at 39 nucleotides interval 29 30 10 30 151 chr17:802375480237158023676802363780235988023559 BrainSknshraRep1_cluster_5561; chr17_Leu_TAG; - strand; Ticks on x-axis are at 39 nucleotides interval 22 25 6 7 181 chr17:802375480237158023676802363780235988023559 BreastMcf7Rep1_cluster_4950; n/a; - strand; Ticks on x-axis are at 39 nucleotides interval 3 20 4 11 222 chr17:802375480237158023676802363780235988023559 CervixHelas3Rep1_cluster_5878; chr17_Leu_TAG; - strand; Ticks on x-axis are at 39 nucleotides interval 125 23 26 65 39 chr17:802375480237158023676802363780235988023559 EpitheliumA549Rep1_cluster_4992; chr17_Leu_TAG; - strand; Ticks on x-axis are at 39 nucleotides interval 10 22 60 6 3 chr17:802375480237158023676802363780235988023559 EscH1hescrep1_cluster_4632; chr17_Leu_TAG; - strand; Ticks on x-axis are at 39 nucleotides interval 1 7 6 255 29 chr17:802375480237158023676802363780235988023559 LiverHepg2Rep1_cluster_2297; chr17_Leu_TAG; - strand; Ticks on x-axis are at 39 nucleotides interval 13 24 9 14 65 chr17:802375480237158023676802363780235988023559 LungAg04450Rep1_cluster_5373; chr17_Leu_TAG; - strand; Ticks on x-axis are at 39 nucleotides interval 1 7 24 7 13 chr17:802375480237158023676802363780235988023559 SkinBjRep1_cluster_2426; chr17_Leu_TAG; - strand; Ticks on x-axis are at 39 nucleotides interval	Replicate 2 11 6 56 90 447 chr17:802375480237158023676802363780235988023559 BloodGm12878Rep2_cluster_7335; chr17_Leu_TAG; - strand; Ticks on x-axis are at 39 nucleotides interval 31 19 20 18 145 chr17:802375480237158023676802363780235988023559 BrainSknshraRep2_cluster_4885; chr17_Leu_TAG; - strand; Ticks on x-axis are at 39 nucleotides interval 26 19 6 9 519 chr17:802375480237158023676802363780235988023559 BreastMcf7Rep2_cluster_5002; n/a; - strand; Ticks on x-axis are at 39 nucleotides interval 1 29 13 50 76 chr17:802375480237158023676802363780235988023559 CervixHelas3Rep2_cluster_5911; chr17_Leu_TAG; - strand; Ticks on x-axis are at 39 nucleotides interval 123 18 17 28 40 chr17:802375480237158023676802363780235988023559 EpitheliumA549Rep2_cluster_4082; chr17_Leu_TAG; - strand; Ticks on x-axis are at 39 nucleotides interval 9 26 25 12 4 chr17:802375480237158023676802363780235988023559 EscH1hescrep2_cluster_5305; chr17_Leu_TAG; - strand; Ticks on x-axis are at 39 nucleotides interval 1 5 9 274 33 chr17:802375480237158023676802363780235988023559 LiverHepg2Rep2_cluster_3937; chr17_Leu_TAG; - strand; Ticks on x-axis are at 39 nucleotides interval 19 24 12 31 56 chr17:802375480237158023676802363780235988023559 LungAg04450Rep2_cluster_5867; chr17_Leu_TAG; - strand; Ticks on x-axis are at 39 nucleotides interval 2 33 15 8 20 chr17:802375480237158023676802363780235988023559 SkinBjRep2_cluster_4193; chr17_Leu_TAG; - strand; Ticks on x-axis are at 39 nucleotides interval	Identifer bgN_8023560_8023684.chr17.conserved Cluster score 0.19 Clusters 6,6,4,4,3,3,0,0,5,5,1,1,2,2,4,4,1,1 Overlap NA	NA NA NA
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22

25

6

7

181

chr17:802375480237158023676802363780235988023559

BreastMcf7Rep1_cluster_4950; n/a; - strand;

Ticks on x-axis are at 39 nucleotides interval

3

20

4

11

222

chr17:802375480237158023676802363780235988023559

CervixHelas3Rep1_cluster_5878; chr17_Leu_TAG; - strand;

Ticks on x-axis are at 39 nucleotides interval

125

23

26

65

39

chr17:802375480237158023676802363780235988023559

EpitheliumA549Rep1_cluster_4992; chr17_Leu_TAG; - strand;

Ticks on x-axis are at 39 nucleotides interval

10

22

60

6

3

chr17:802375480237158023676802363780235988023559

EscH1hescrep1_cluster_4632; chr17_Leu_TAG; - strand;

Ticks on x-axis are at 39 nucleotides interval

1

7

6

255

29

chr17:802375480237158023676802363780235988023559

LiverHepg2Rep1_cluster_2297; chr17_Leu_TAG; - strand;

Ticks on x-axis are at 39 nucleotides interval

13

24

9

14

65

chr17:802375480237158023676802363780235988023559

LungAg04450Rep1_cluster_5373; chr17_Leu_TAG; - strand;

Ticks on x-axis are at 39 nucleotides interval

1

7

24

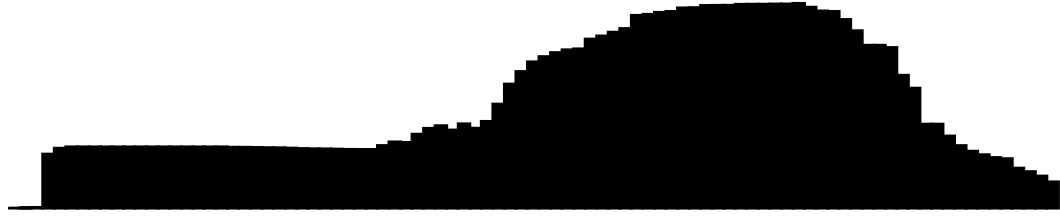
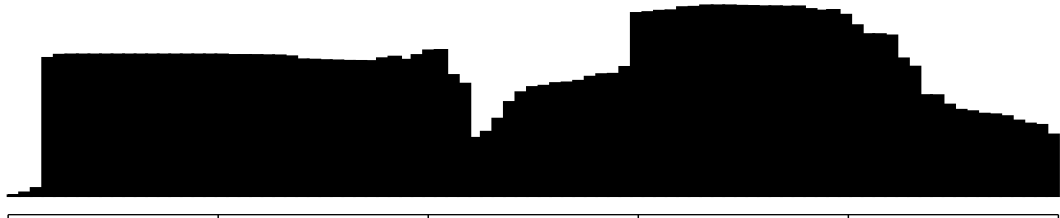
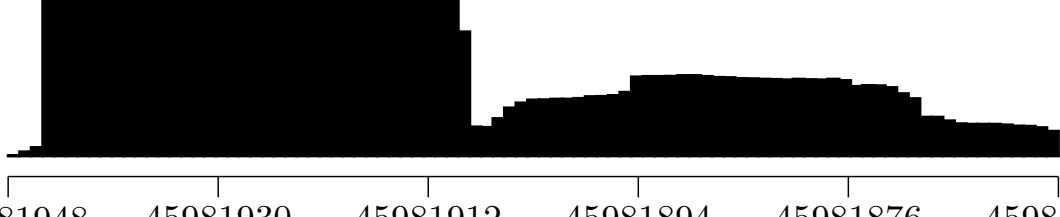
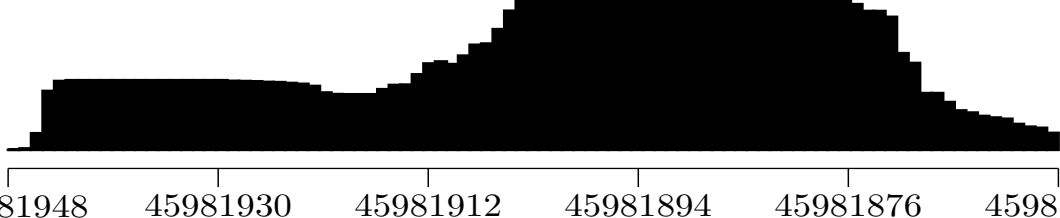
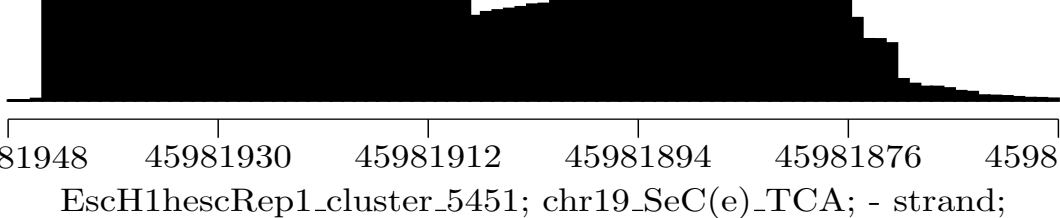
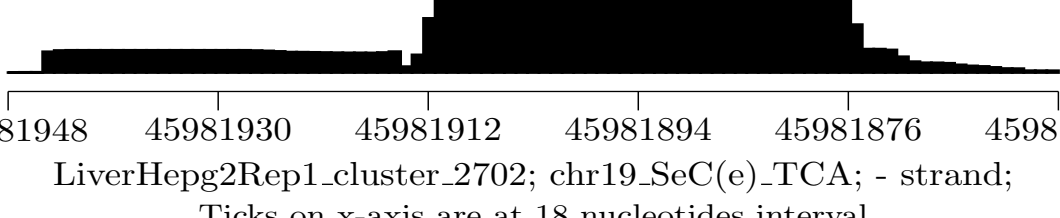
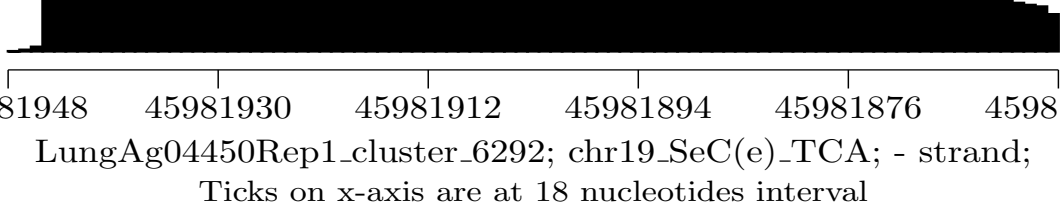
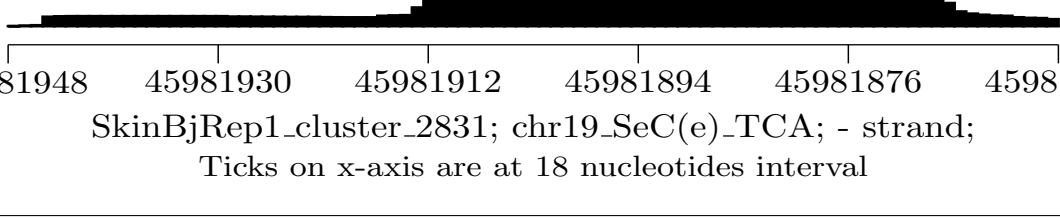
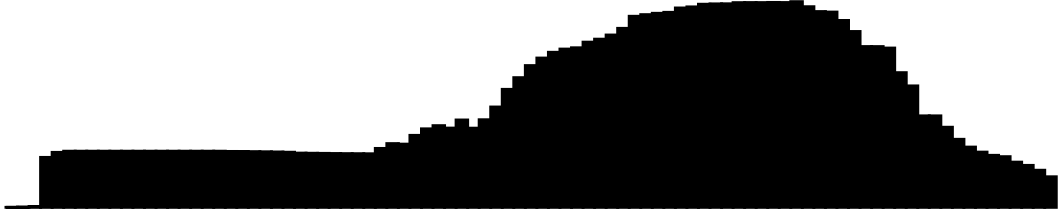
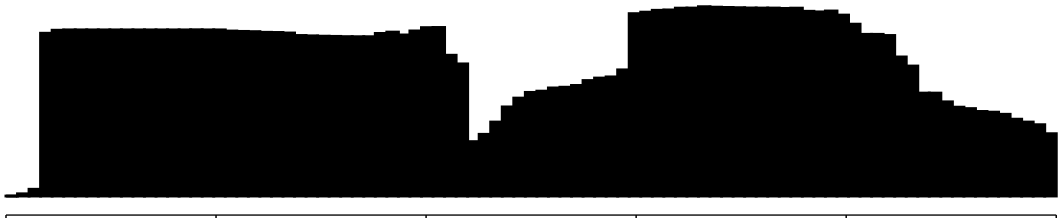
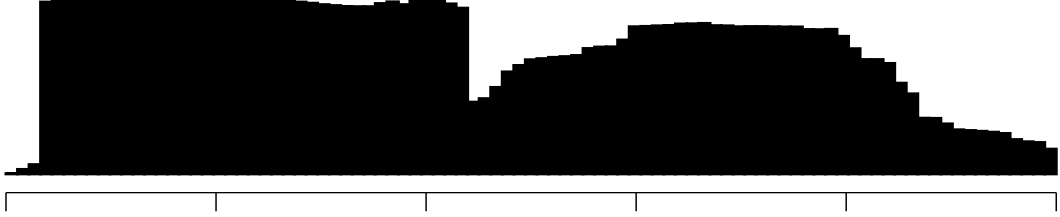
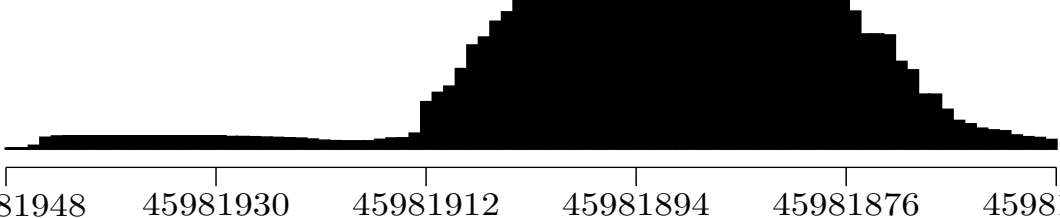
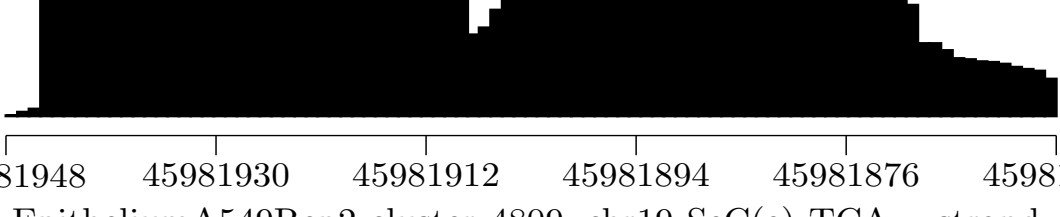
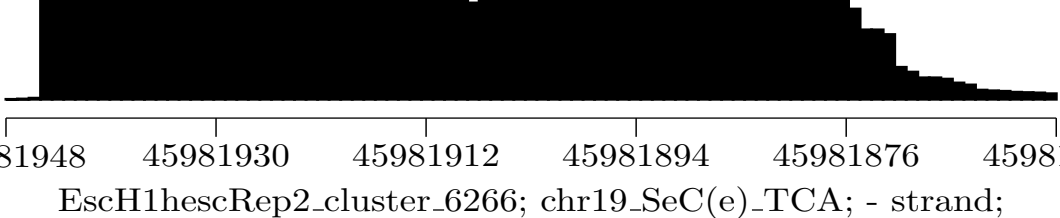
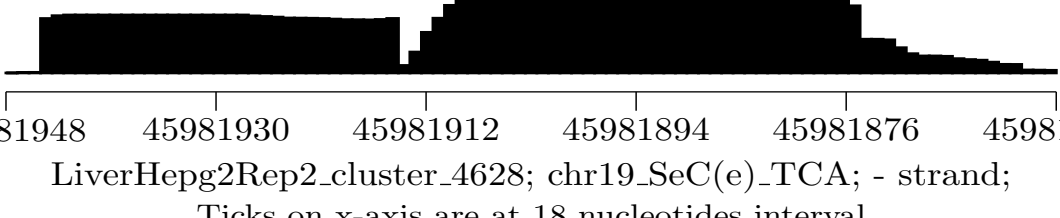
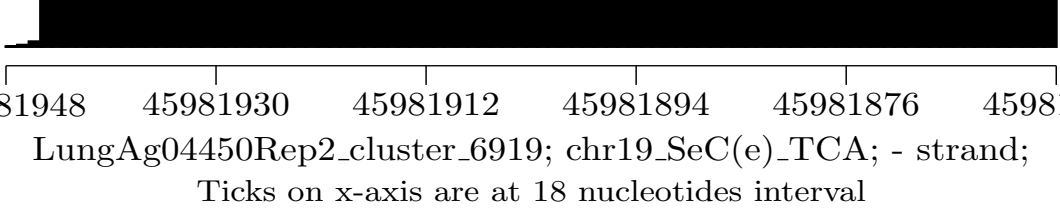
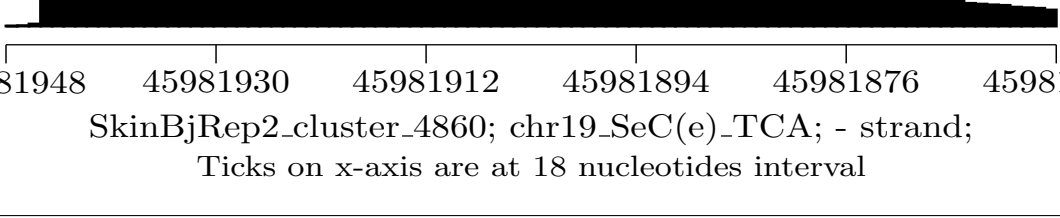
7

13

chr17:802375480237158023676802363780235988023559

SkinBjRep1_cluster_2426; chr17_Leu_TAG; - strand;

Ticks on x-axis are at 39 nucleotides interval

	Replicate 1	Replicate 2
	505717293  chr19:45981948 45981930 45981912 45981894 45981876 45981858 BloodGm12878Rep1_cluster_7273; chr19_SeC(e)_TCA; - strand; Ticks on x-axis are at 18 nucleotides interval 19682714  chr19:45981948 45981930 45981912 45981894 45981876 45981858 BrainSknshraRep1_cluster_6572; chr19_SeC(e)_TCA; - strand; Ticks on x-axis are at 18 nucleotides interval 914398  chr19:45981948 45981930 45981912 45981894 45981876 45981858 BreastMcf7Rep1_cluster_5784; chr19_SeC(e)_TCA; - strand; Ticks on x-axis are at 18 nucleotides interval 12333497  chr19:45981948 45981930 45981912 45981894 45981876 45981858 CervixHelas3Rep1_cluster_6871; chr19_SeC(e)_TCA; - strand; Ticks on x-axis are at 18 nucleotides interval 10121031  chr19:45981948 45981930 45981912 45981894 45981876 45981858 EpitheliumA549Rep1_cluster_5922; chr19_SeC(e)_TCA; - strand; Ticks on x-axis are at 18 nucleotides interval 21381397  chr19:45981948 45981930 45981912 45981894 45981876 45981858 EscH1hescRep1_cluster_5451; chr19_SeC(e)_TCA; - strand; Ticks on x-axis are at 18 nucleotides interval 9648242  chr19:45981948 45981930 45981912 45981894 45981876 45981858 LiverHepg2Rep1_cluster_2702; chr19_SeC(e)_TCA; - strand; Ticks on x-axis are at 18 nucleotides interval 28572255  chr19:45981948 45981930 45981912 45981894 45981876 45981858 LungAg04450Rep1_cluster_6292; chr19_SeC(e)_TCA; - strand; Ticks on x-axis are at 18 nucleotides interval 1703227  chr19:45981948 45981930 45981912 45981894 45981876 45981858 SkinBjRep1_cluster_2831; chr19_SeC(e)_TCA; - strand; Ticks on x-axis are at 18 nucleotides interval	730227407  chr19:45981948 45981930 45981912 45981894 45981876 45981858 BloodGm12878Rep2_cluster_8749; chr19_SeC(e)_TCA; - strand; Ticks on x-axis are at 18 nucleotides interval 18692176  chr19:45981948 45981930 45981912 45981894 45981876 45981858 BrainSknshraRep2_cluster_5785; chr19_SeC(e)_TCA; - strand; Ticks on x-axis are at 18 nucleotides interval 993871  chr19:45981948 45981930 45981912 45981894 45981876 45981858 BreastMcf7Rep2_cluster_5891; chr19_SeC(e)_TCA; - strand; Ticks on x-axis are at 18 nucleotides interval 3515470  chr19:45981948 45981930 45981912 45981894 45981876 45981858 CervixHelas3Rep2_cluster_6896; chr19_SeC(e)_TCA; - strand; Ticks on x-axis are at 18 nucleotides interval 494579  chr19:45981948 45981930 45981912 45981894 45981876 45981858 EpitheliumA549Rep2_cluster_4809; chr19_SeC(e)_TCA; - strand; Ticks on x-axis are at 18 nucleotides interval 14091107  chr19:45981948 45981930 45981912 45981894 45981876 45981858 EscH1hescRep2_cluster_6266; chr19_SeC(e)_TCA; - strand; Ticks on x-axis are at 18 nucleotides interval 22867493  chr19:45981948 45981930 45981912 45981894 45981876 45981858 LiverHepg2Rep2_cluster_4628; chr19_SeC(e)_TCA; - strand; Ticks on x-axis are at 18 nucleotides interval 35283538  chr19:45981948 45981930 45981912 45981894 45981876 45981858 LungAg04450Rep2_cluster_6919; chr19_SeC(e)_TCA; - strand; Ticks on x-axis are at 18 nucleotides interval 2491535  chr19:45981948 45981930 45981912 45981894 45981876 45981858 SkinBjRep2_cluster_4860; chr19_SeC(e)_TCA; - strand; Ticks on x-axis are at 18 nucleotides interval
Identifer	bgN_45981858_45981948_chr19.conservd	NA
Cluster score	0.19	NA
Clusters	0,0,1,1,1,0,0,1,1,1,0,0,1,1,0,0	NA
Overlap	NA	

	Replicate 1	Replicate 2
	71831 chr7:553552755355145535501553548855354755535462 BloodGm12878Rep1_cluster_13862; hsa-mir-589; - strand; Ticks on x-axis are at 13 nucleotides interval	62037 chr7:553552755355145535501553548855354755535462 BloodGm12878Rep2_cluster_16537; hsa-mir-589; - strand; Ticks on x-axis are at 13 nucleotides interval
	3613248 chr7:553552755355145535501553548855354755535462 BrainSknshraRep1_cluster_12732; hsa-mir-589; - strand; Ticks on x-axis are at 13 nucleotides interval	2658209 chr7:553552755355145535501553548855354755535462 BrainSknshraRep2_cluster_11188; hsa-mir-589; - strand; Ticks on x-axis are at 13 nucleotides interval
	108890 chr7:553552755355145535501553548855354755535462 BreastMcf7Rep1_cluster_11205; hsa-mir-589; - strand; Ticks on x-axis are at 13 nucleotides interval	2472114 chr7:553552755355145535501553548855354755535462 BreastMcf7Rep2_cluster_11378; hsa-mir-589; - strand; Ticks on x-axis are at 13 nucleotides interval
	61845 chr7:553552755355145535501553548855354755535462 CervixHelas3Rep1_cluster_13376; hsa-mir-589; - strand; Ticks on x-axis are at 13 nucleotides interval	868 chr7:553552755355145535501553548855354755535462 CervixHelas3Rep2_cluster_13364; hsa-mir-589; - strand; Ticks on x-axis are at 13 nucleotides interval
	5227276 chr7:553552755355145535501553548855354755535462 EpitheliumA549Rep1_cluster_11292; hsa-mir-589; - strand; Ticks on x-axis are at 13 nucleotides interval	5889261 chr7:553552755355145535501553548855354755535462 EpitheliumA549Rep2_cluster_9138; hsa-mir-589; - strand; Ticks on x-axis are at 13 nucleotides interval
	4318 chr7:553552755355145535501553548855354755535462 EscH1hescRep1_cluster_10621; hsa-mir-589; - strand; Ticks on x-axis are at 13 nucleotides interval	3620 chr7:553552755355145535501553548855354755535462 EscH1hescRep2_cluster_12294; hsa-mir-589; - strand; Ticks on x-axis are at 13 nucleotides interval
	273 chr7:553552755355145535501553548855354755535462 LiverHepg2Rep1_cluster_5138; hsa-mir-589; - strand; Ticks on x-axis are at 13 nucleotides interval	566 chr7:553552755355145535501553548855354755535462 LiverHepg2Rep2_cluster_8894; hsa-mir-589; - strand; Ticks on x-axis are at 13 nucleotides interval
	100986 chr7:553552755355145535501553548855354755535462 LungAg04450Rep1_cluster_12137; hsa-mir-589; - strand; Ticks on x-axis are at 13 nucleotides interval	1358133 chr7:553552755355145535501553548855354755535462 LungAg04450Rep2_cluster_13266; hsa-mir-589; - strand; Ticks on x-axis are at 13 nucleotides interval
	6427 chr7:553552755355145535501553548855354755535462 SkinBjRep1_cluster_5353; hsa-mir-589; - strand; Ticks on x-axis are at 13 nucleotides interval	27386 chr7:553552755355145535501553548855354755535462 SkinBjRep2_cluster_9454; hsa-mir-589; - strand; Ticks on x-axis are at 13 nucleotides interval
Identifer	bgN_5535464_5535527_chr7.conserved	NA
Cluster score	0.18	NA
Clusters	2,2,2,2,2,2,2,2,2,1,1,2,2,2,1,1	NA
Overlap	NA	

	Replicate 1	Replicate 2
	6146 chr22:422969514229696442296977422969904229700342297016 BloodGm12878Rep1_cluster_9363; hsa-mir-33a; + strand; Ticks on x-axis are at 13 nucleotides interval 2006 chr22:422969514229696442296977422969904229700342297016 BrainSknshraRep1_cluster_8475; hsa-mir-33a; + strand; Ticks on x-axis are at 13 nucleotides interval 2090 chr22:422969514229696442296977422969904229700342297016 BreastMcf7Rep1_cluster_7502; hsa-mir-33a; + strand; Ticks on x-axis are at 13 nucleotides interval 1788 chr22:422969514229696442296977422969904229700342297016 CervixHelas3Rep1_cluster_8872; hsa-mir-33a; + strand; Ticks on x-axis are at 13 nucleotides interval 1564 chr22:422969514229696442296977422969904229700342297016 EpitheliumA549Rep1_cluster_7617; hsa-mir-33a; + strand; Ticks on x-axis are at 13 nucleotides interval 178 chr22:422969514229696442296977422969904229700342297016 EscH1hescRep1_cluster_6999; hsa-mir-33a; + strand; Ticks on x-axis are at 13 nucleotides interval 318 chr22:422969514229696442296977422969904229700342297016 LiverHepg2Rep1_cluster_3406; hsa-mir-33a; + strand; Ticks on x-axis are at 13 nucleotides interval 2225 chr22:422969514229696442296977422969904229700342297016 LungAg04450Rep1_cluster_8093; hsa-mir-33a; + strand; Ticks on x-axis are at 13 nucleotides interval 11 chr22:422969514229696442296977422969904229700342297016 SkinBjRep1_cluster_3569; hsa-mir-33a; + strand; Ticks on x-axis are at 13 nucleotides interval	9868 chr22:422969514229696442296977422969904229700342297016 BloodGm12878Rep2_cluster_11198; hsa-mir-33a; + strand; Ticks on x-axis are at 13 nucleotides interval 1450 chr22:422969514229696442296977422969904229700342297016 BrainSknshraRep2_cluster_7457; hsa-mir-33a; + strand; Ticks on x-axis are at 13 nucleotides interval 3474 chr22:422969514229696442296977422969904229700342297016 BreastMcf7Rep2_cluster_7643; hsa-mir-33a; + strand; Ticks on x-axis are at 13 nucleotides interval 1053 chr22:422969514229696442296977422969904229700342297016 CervixHelas3Rep2_cluster_8854; hsa-mir-33a; + strand; Ticks on x-axis are at 13 nucleotides interval 1390 chr22:422969514229696442296977422969904229700342297016 EpitheliumA549Rep2_cluster_6171; hsa-mir-33a; + strand; Ticks on x-axis are at 13 nucleotides interval 202 chr22:422969514229696442296977422969904229700342297016 EscH1hescRep2_cluster_8093; hsa-mir-33a; + strand; Ticks on x-axis are at 13 nucleotides interval 381 chr22:422969514229696442296977422969904229700342297016 LiverHepg2Rep2_cluster_5924; hsa-mir-33a; + strand; Ticks on x-axis are at 13 nucleotides interval 2399 chr22:422969514229696442296977422969904229700342297016 LungAg04450Rep2_cluster_8929; hsa-mir-33a; + strand; Ticks on x-axis are at 13 nucleotides interval 44 chr22:422969514229696442296977422969904229700342297016 SkinBjRep2_cluster_6248; hsa-mir-33a; + strand; Ticks on x-axis are at 13 nucleotides interval
Identifer	bgP_42296951_42297014_chr22.conserved	NA
Cluster score	0.18	NA
Clusters	1,1,3,3,3,0,0,0,2,2,4,4,3,3,4,4	NA
Overlap	NA	

	Replicate 1	Replicate 2
	20357 chr19:139474311394739613947361139473261394729113947256 BloodGm12878Rep1_cluster_7141; hsa-mir-23a; - strand; Ticks on x-axis are at 35 nucleotides interval	30183 chr19:139474311394739613947361139473261394729113947256 BloodGm12878Rep2_cluster_8583; hsa-mir-23a; - strand; Ticks on x-axis are at 35 nucleotides interval
	122810 chr19:139474311394739613947361139473261394729113947256 BrainSknshraRep1_cluster_6462; hsa-mir-23a; - strand; Ticks on x-axis are at 35 nucleotides interval	148991 chr19:139474311394739613947361139473261394729113947256 BrainSknshraRep2_cluster_5693; hsa-mir-23a; - strand; Ticks on x-axis are at 35 nucleotides interval
	55357 chr19:139474311394739613947361139473261394729113947256 BreastMcf7Rep1_cluster_5708; hsa-mir-23a; - strand; Ticks on x-axis are at 35 nucleotides interval	143694 chr19:139474311394739613947361139473261394729113947256 BreastMcf7Rep2_cluster_5805; hsa-mir-23a; - strand; Ticks on x-axis are at 35 nucleotides interval
	209941 chr19:139474311394739613947361139473261394729113947256 CervixHelas3Rep1_cluster_6758; hsa-mir-23a; - strand; Ticks on x-axis are at 35 nucleotides interval	231418 chr19:139474311394739613947361139473261394729113947256 CervixHelas3Rep2_cluster_6795; hsa-mir-23a; - strand; Ticks on x-axis are at 35 nucleotides interval
	154564 chr19:139474311394739613947361139473261394729113947256 EpitheliumA549Rep1_cluster_5826; hsa-mir-23a; - strand; Ticks on x-axis are at 35 nucleotides interval	209281 chr19:139474311394739613947361139473261394729113947256 EpitheliumA549Rep2_cluster_4729; hsa-mir-23a; - strand; Ticks on x-axis are at 35 nucleotides interval
	5958 chr19:139474311394739613947361139473261394729113947256 EscH1hescrep1_cluster_5367; hsa-mir-23a; - strand; Ticks on x-axis are at 35 nucleotides interval	5730 chr19:139474301394739513947360139473251394729013947255 EscH1hescrep2_cluster_6171; hsa-mir-23a; - strand; Ticks on x-axis are at 35 nucleotides interval
	2994 chr19:139474301394739513947360139473251394729013947255 LiverHepg2Rep1_cluster_2668; hsa-mir-23a; - strand; Ticks on x-axis are at 35 nucleotides interval	3859 chr19:139474301394739613947362139473281394729413947260 LiverHepg2Rep2_cluster_4569; hsa-mir-23a; - strand; Ticks on x-axis are at 34 nucleotides interval
	215025 chr19:139474311394739613947361139473261394729113947256 LungAg04450Rep1_cluster_6201; hsa-mir-23a; - strand; Ticks on x-axis are at 35 nucleotides interval	172819 chr19:139474311394739613947361139473261394729113947256 LungAg04450Rep2_cluster_6813; hsa-mir-23a; - strand; Ticks on x-axis are at 35 nucleotides interval
	647251 chr19:139474311394739613947361139473261394729113947256 SkinBjRep1_cluster_2788; hsa-mir-23a; - strand; Ticks on x-axis are at 35 nucleotides interval	923149 chr19:139474311394739613947361139473261394729113947256 SkinBjRep2_cluster_4787; hsa-mir-23a; - strand; Ticks on x-axis are at 35 nucleotides interval
Identifer	bgN_13947258_13947431_chr19.conserved	NA
Cluster score	0.18	NA
Clusters	2,2,3,3,2,0,0,2,2,1,1,2,2,3,3,4,4	NA
Overlap	NA	

	Replicate 1	Replicate 2
	3317715 chr11:626231066262309262623078626230646262305062623036 BloodGm12878Rep1_cluster_2726; U25; - strand; Ticks on x-axis are at 14 nucleotides interval 26541080 chr11:626231066262309262623078626230646262305062623036 BrainSknshraRep1_cluster_2508; U25; - strand; Ticks on x-axis are at 14 nucleotides interval 1160444 chr11:626231066262309262623078626230646262305062623036 BreastMcf7Rep1_cluster_2193; U25; - strand; Ticks on x-axis are at 14 nucleotides interval 261501294 chr11:626231066262309262623078626230646262305062623036 CervixHelas3Rep1_cluster_2668; U25; - strand; Ticks on x-axis are at 14 nucleotides interval 1915598 chr11:626231066262309262623078626230646262305062623036 EpitheliumA549Rep1_cluster_2232; U25; - strand; Ticks on x-axis are at 14 nucleotides interval 3007188 chr11:626231066262309262623078626230646262305062623036 EscH1hescRep1_cluster_2048; U25; - strand; Ticks on x-axis are at 14 nucleotides interval 69068407 chr11:626231066262309262623078626230646262305062623036 LiverHepg2Rep1_cluster_1046; U25; - strand; Ticks on x-axis are at 14 nucleotides interval 10320396 chr11:626231066262309262623078626230646262305062623036 LungAg04450Rep1_cluster_2430; U25; - strand; Ticks on x-axis are at 14 nucleotides interval 6962182 chr11:626231066262309262623078626230646262305062623036 SkinBjRep1_cluster_1098; U25; - strand; Ticks on x-axis are at 14 nucleotides interval	3302832 chr11:626231066262309262623078626230646262305062623036 BloodGm12878Rep2_cluster_3259; U25; - strand; Ticks on x-axis are at 14 nucleotides interval 2051611 chr11:626231066262309262623078626230646262305062623036 BrainSknshraRep2_cluster_2198; U25; - strand; Ticks on x-axis are at 14 nucleotides interval 1199735 chr11:626231066262309262623078626230646262305062623036 BreastMcf7Rep2_cluster_2257; U25; - strand; Ticks on x-axis are at 14 nucleotides interval 1529300 chr11:626231066262309262623078626230646262305062623036 CervixHelas3Rep2_cluster_2666; U25; - strand; Ticks on x-axis are at 14 nucleotides interval 2257532 chr11:626231066262309262623078626230646262305062623036 EpitheliumA549Rep2_cluster_1847; U25; - strand; Ticks on x-axis are at 14 nucleotides interval 1391150 chr11:626231066262309262623078626230646262305062623036 EscH1hescRep2_cluster_2364; U25; - strand; Ticks on x-axis are at 14 nucleotides interval 63598327 chr11:626231066262309262623078626230646262305062623036 LiverHepg2Rep2_cluster_1792; U25; - strand; Ticks on x-axis are at 14 nucleotides interval 14569444 chr11:626231066262309262623078626230646262305062623036 LungAg04450Rep2_cluster_2647; U25; - strand; Ticks on x-axis are at 14 nucleotides interval 1003251 chr11:626231066262309262623078626230646262305062623036 SkinBjRep2_cluster_1898; U25; - strand; Ticks on x-axis are at 14 nucleotides interval
Identifer	bgN_62623036_62623104_chr11.conservd	NA
Cluster score	0.18	NA
Clusters	0,0,3,3,0,0,0,3,3,0,0,1,1,2,2,0,0	NA
Overlap	NA	

	Replicate 1	Replicate 2
	1132 362 chr17:37310823 37310801 37310779 37310757 37310735 37310713 BloodGm12878Rep1_cluster_6237; chr17_Cys_GCA; - strand; Ticks on x-axis are at 22 nucleotides interval 4 1950 chr17:37310823 37310801 37310779 37310757 37310735 37310713 BrainSknshraRep1_cluster_5675; chr17_Cys_GCA; - strand; Ticks on x-axis are at 22 nucleotides interval 36 198 chr17:37310823 37310801 37310779 37310757 37310735 37310713 BreastMcf7Rep1_cluster_5048; chr17_Cys_GCA; - strand; Ticks on x-axis are at 22 nucleotides interval 629 2387 chr17:37310823 37310801 37310779 37310757 37310735 37310713 CervixHelas3Rep1_cluster_5980; chr17_Cys_GCA; - strand; Ticks on x-axis are at 22 nucleotides interval 4 826 chr17:37310823 37310801 37310779 37310757 37310735 37310713 EpitheliumA549Rep1_cluster_5090; chr17_Cys_GCA; - strand; Ticks on x-axis are at 22 nucleotides interval 2202 353 chr17:37310823 37310801 37310779 37310757 37310735 37310713 EscH1hescRep1_cluster_4713; chr17_Cys_GCA; - strand; Ticks on x-axis are at 22 nucleotides interval 1113 1036 chr17:37310823 37310801 37310779 37310757 37310735 37310713 LiverHepg2Rep1_cluster_2356; chr17_Cys_GCA; - strand; Ticks on x-axis are at 22 nucleotides interval 7 3130 chr17:37310823 37310801 37310779 37310757 37310735 37310713 LungAg04450Rep1_cluster_5467; chr17_Cys_GCA; - strand; Ticks on x-axis are at 22 nucleotides interval 1891 2559 chr17:37310823 37310801 37310779 37310757 37310735 37310713 SkinBjRep1_cluster_2475; chr17_Cys_GCA; - strand; Ticks on x-axis are at 22 nucleotides interval	2665 629 chr17:37310823 37310801 37310779 37310757 37310735 37310713 BloodGm12878Rep2_cluster_7468; chr17_Cys_GCA; - strand; Ticks on x-axis are at 22 nucleotides interval 7 2461 chr17:37310823 37310801 37310779 37310757 37310735 37310713 BrainSknshraRep2_cluster_4993; chr17_Cys_GCA; - strand; Ticks on x-axis are at 22 nucleotides interval 1 461 chr17:37310823 37310801 37310779 37310757 37310735 37310713 BreastMcf7Rep2_cluster_5101; chr17_Cys_GCA; - strand; Ticks on x-axis are at 22 nucleotides interval 116 781 chr17:37310823 37310801 37310779 37310757 37310735 37310713 CervixHelas3Rep2_cluster_6016; chr17_Cys_GCA; - strand; Ticks on x-axis are at 22 nucleotides interval 7 1295 chr17:37310823 37310801 37310779 37310757 37310735 37310713 EpitheliumA549Rep2_cluster_4170; chr17_Cys_GCA; - strand; Ticks on x-axis are at 22 nucleotides interval 952 314 chr17:37310823 37310801 37310779 37310757 37310735 37310713 EscH1hescRep2_cluster_5399; chr17_Cys_GCA; - strand; Ticks on x-axis are at 22 nucleotides interval 2288 980 chr17:37310823 37310801 37310779 37310757 37310735 37310713 LiverHepg2Rep2_cluster_4022; chr17_Cys_GCA; - strand; Ticks on x-axis are at 22 nucleotides interval 8 1922 chr17:37310823 37310801 37310779 37310757 37310735 37310713 LungAg04450Rep2_cluster_5972; chr17_Cys_GCA; - strand; Ticks on x-axis are at 22 nucleotides interval 237 3284 chr17:37310823 37310801 37310779 37310757 37310735 37310713 SkinBjRep2_cluster_4262; tRNA_RF00005; - strand; Ticks on x-axis are at 22 nucleotides interval
Identifer	bgN_37310716-37310820_chr17.conservd	NA
Cluster score	0.18	NA
Clusters	1,1,2,2,2,2,2,2,2,1,1,1,1,2,2,0,0	NA
Overlap	NA	

	Replicate 1	Replicate 2
	47 chr20:17943590 17943542 17943494 17943446 17943398 17943350 BloodGm12878Rep1_cluster.8948; HBI-43; - strand; Ticks on x-axis are at 48 nucleotides interval 60 chr20:17943590 17943542 17943494 17943446 17943398 17943350 BrainSknshraRep1_cluster.8099; HBI-43; - strand; Ticks on x-axis are at 48 nucleotides interval 71 chr20:17943590 17943542 17943494 17943446 17943398 17943350 BreastMcf7Rep1_cluster.7144; HBI-43; - strand; Ticks on x-axis are at 48 nucleotides interval 40 chr20:17943590 17943542 17943494 17943446 17943398 17943350 CervixHelas3Rep1_cluster.8474; HBI-43; - strand; Ticks on x-axis are at 48 nucleotides interval 111 chr20:17943590 17943542 17943494 17943446 17943398 17943350 EpitheliumA549Rep1_cluster.7273; HBI-43; - strand; Ticks on x-axis are at 48 nucleotides interval 399 chr20:17943590 17943542 17943494 17943446 17943398 17943350 EscH1hescRep1_cluster.6698; HBI-43; - strand; Ticks on x-axis are at 48 nucleotides interval 458 chr20:17943590 17943542 17943494 17943446 17943398 17943350 LiverHepg2Rep1_cluster.3278; HBI-43; - strand; Ticks on x-axis are at 48 nucleotides interval 86 chr20:17943590 17943542 17943494 17943446 17943398 17943350 LungAg04450Rep1_cluster.7742; HBI-43; - strand; Ticks on x-axis are at 48 nucleotides interval 79 chr20:17943590 17943542 17943494 17943446 17943398 17943350 SkinBjRep1_cluster.3433; HBI-43; - strand; Ticks on x-axis are at 48 nucleotides interval	81 chr20:17943590 17943542 17943494 17943446 17943398 17943350 BloodGm12878Rep2_cluster.10698; HBI-43; - strand; Ticks on x-axis are at 48 nucleotides interval 55 chr20:17943590 17943542 17943494 17943446 17943398 17943350 BrainSknshraRep2_cluster.7128; HBI-43; - strand; Ticks on x-axis are at 48 nucleotides interval 105 chr20:17943590 17943542 17943494 17943446 17943398 17943350 BreastMcf7Rep2_cluster.7251; HBI-43; - strand; Ticks on x-axis are at 48 nucleotides interval 58 chr20:17943590 17943542 17943494 17943446 17943398 17943350 CervixHelas3Rep2_cluster.8456; HBI-43; - strand; Ticks on x-axis are at 48 nucleotides interval 117 chr20:17943590 17943542 17943494 17943446 17943398 17943350 EpitheliumA549Rep2_cluster.5888; HBI-43; - strand; Ticks on x-axis are at 48 nucleotides interval 293 chr20:17943590 17943542 17943494 17943446 17943398 17943350 EscH1hescRep2_cluster.7738; HBI-43; - strand; Ticks on x-axis are at 48 nucleotides interval 335 chr20:17943590 17943542 17943494 17943446 17943398 17943350 LiverHepg2Rep2_cluster.5680; HBI-43; - strand; Ticks on x-axis are at 48 nucleotides interval 64 chr20:17943590 17943542 17943494 17943446 17943398 17943350 LungAg04450Rep2_cluster.8529; HBI-43; - strand; Ticks on x-axis are at 48 nucleotides interval 55 chr20:17943590 17943542 17943494 17943446 17943398 17943350 SkinBjRep2_cluster.5983; HBI-43; - strand; Ticks on x-axis are at 48 nucleotides interval
Identifer	bgN_17943350_17943387_chr20.conserved	NA
Cluster score	0.18	NA
Clusters	0,0,0,0,0,0,0,0,0,1,1,1,0,0,0,0	NA
Overlap	NA	

	Replicate 1	Replicate 2
	881 chr6:27446581 27446611 27446641 27446671 27446701 27446731 BloodGm12878Rep1_cluster_12492; chr6_Ser_AGA; + strand; Ticks on x-axis are at 30 nucleotides interval 49 45 chr6:27446581 27446611 27446641 27446671 27446701 27446731 BrainSknshraRep1_cluster_11413; chr6_Ser_AGA; + strand; Ticks on x-axis are at 30 nucleotides interval 551 chr6:27446581 27446611 27446641 27446671 27446701 27446731 BreastMcf7Rep1_cluster_10132; chr6_Ser_AGA; + strand; Ticks on x-axis are at 30 nucleotides interval 26 chr6:27446581 27446611 27446641 27446671 27446701 27446731 CervixHelas3Rep1_cluster_12029; chr6_Ser_AGA; + strand; Ticks on x-axis are at 30 nucleotides interval 169 chr6:27446581 27446611 27446641 27446671 27446701 27446731 EpitheliumA549Rep1_cluster_10177; chr6_Ser_AGA; + strand; Ticks on x-axis are at 30 nucleotides interval 660 chr6:27446581 27446611 27446641 27446671 27446701 27446731 EscH1hescRep1_cluster_9470; chr6_Ser_AGA; + strand; Ticks on x-axis are at 30 nucleotides interval 30 chr6:27446581 27446611 27446641 27446671 27446701 27446731 LiverHepg2Rep1_cluster_4539; chr6_Ser_AGA; + strand; Ticks on x-axis are at 30 nucleotides interval 19 chr6:27446581 27446611 27446641 27446671 27446701 27446731 LungAg04450Rep1_cluster_10867; chr6_Ser_AGA; + strand; Ticks on x-axis are at 30 nucleotides interval 473 chr6:27446581 27446611 27446641 27446671 27446701 27446731 SkinBjRep1_cluster_4783; chr6_Ser_AGA; + strand; Ticks on x-axis are at 30 nucleotides interval	1208 chr6:27446581 27446611 27446641 27446671 27446701 27446731 BloodGm12878Rep2_cluster_14910; chr6_Ser_AGA; + strand; Ticks on x-axis are at 30 nucleotides interval 115 61 chr6:27446581 27446611 27446641 27446671 27446701 27446731 BrainSknshraRep2_cluster_10044; chr6_Ser_AGA; + strand; Ticks on x-axis are at 30 nucleotides interval 440 chr6:27446581 27446611 27446641 27446671 27446701 27446731 BreastMcf7Rep2_cluster_10229; chr6_Ser_AGA; + strand; Ticks on x-axis are at 30 nucleotides interval 62 chr6:27446581 27446611 27446641 27446671 27446701 27446731 CervixHelas3Rep2_cluster_12017; chr6_Ser_AGA; + strand; Ticks on x-axis are at 30 nucleotides interval 23 chr6:27446581 27446611 27446641 27446671 27446701 27446731 EpitheliumA549Rep2_cluster_8213; chr6_Ser_AGA; + strand; Ticks on x-axis are at 30 nucleotides interval 372 chr6:27446581 27446611 27446641 27446671 27446701 27446731 EscH1hescRep2_cluster_10997; chr6_Ser_AGA; + strand; Ticks on x-axis are at 30 nucleotides interval 23 chr6:27446581 27446611 27446641 27446671 27446701 27446731 LiverHepg2Rep2_cluster_7957; chr6_Ser_AGA; + strand; Ticks on x-axis are at 30 nucleotides interval 756 chr6:27446581 27446611 27446641 27446671 27446701 27446731 LungAg04450Rep2_cluster_11949; chr6_Ser_AGA; + strand; Ticks on x-axis are at 30 nucleotides interval 11 chr6:27446581 27446611 27446641 27446671 27446701 27446731 SkinBjRep2_cluster_8467; chr6_Ser_AGA; + strand; Ticks on x-axis are at 30 nucleotides interval
Identifer	bgP_27446581_27446623_chr6.conserved	NA
Cluster score	0.18	NA
Clusters	4,4,4,4,3,3,0,0,4,4,2,2,1,1,4,4,0,0	NA
Overlap	NA	

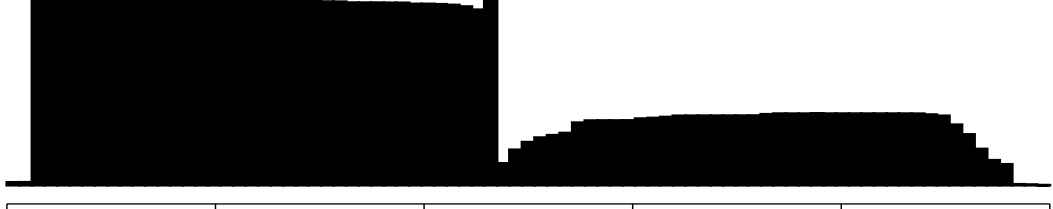
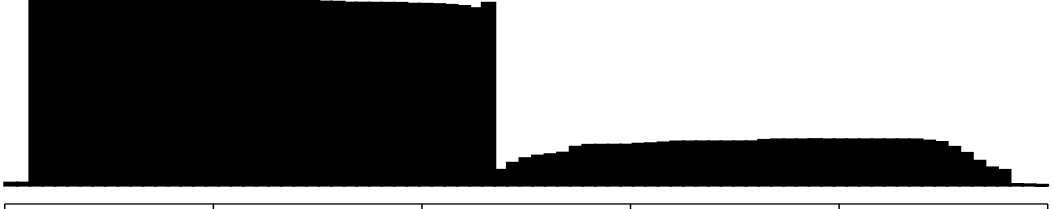
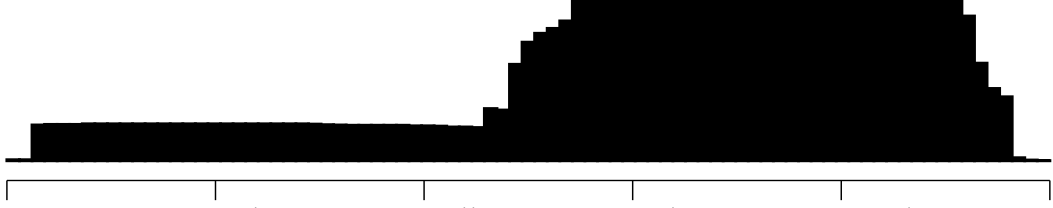
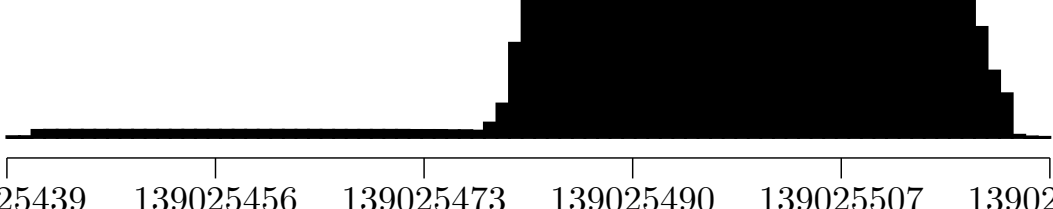
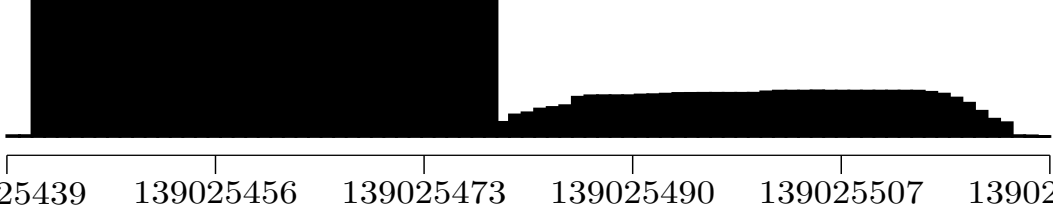
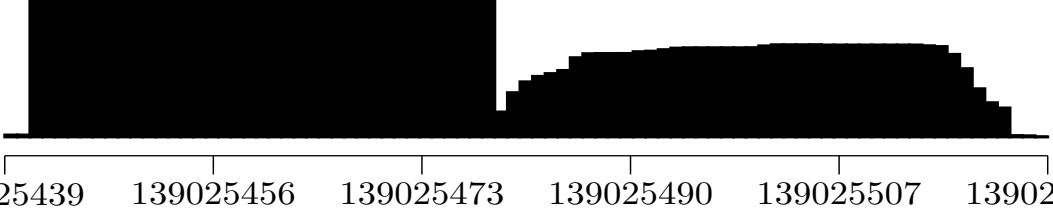
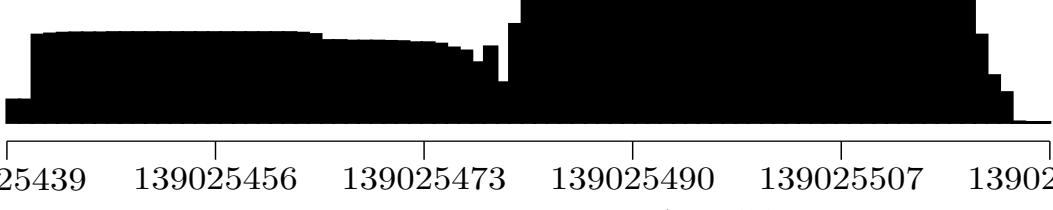
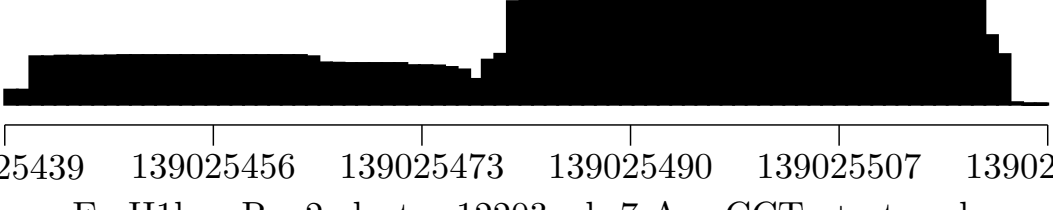
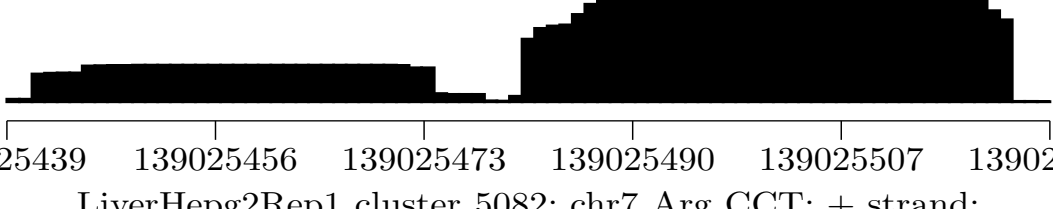
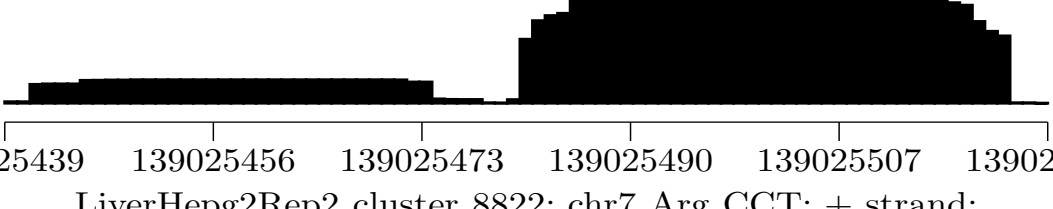
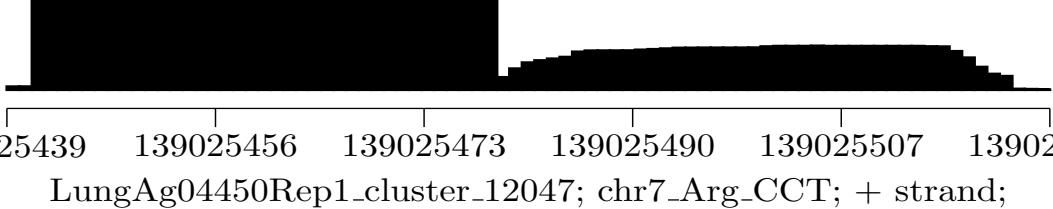
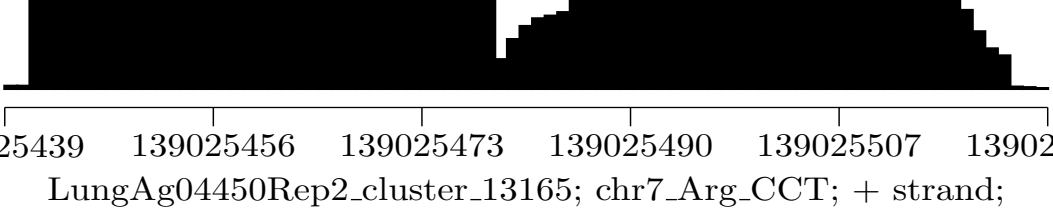
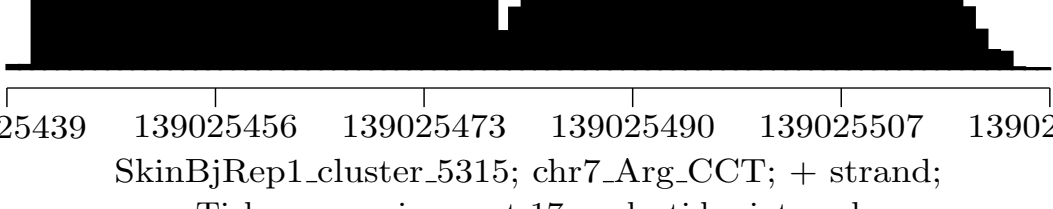
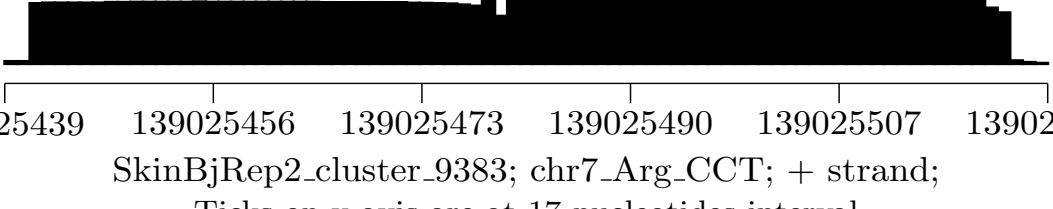
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	982187475 chr1:173835507173835493173835479173835465173835451173835437 BloodGm12878Rep1_cluster_1240; U77; - strand; Ticks on x-axis are at 14 nucleotides interval	1866979721 chr1:173835507173835493173835479173835465173835451173835437 BloodGm12878Rep2_cluster_1457; U77; - strand; Ticks on x-axis are at 14 nucleotides interval
	937029089 chr1:173835507173835493173835479173835465173835451173835437 BrainSknshraRep1_cluster_1113; U77; - strand; Ticks on x-axis are at 14 nucleotides interval	892619606 chr1:173835507173835493173835479173835465173835451173835437 BrainSknshraRep2_cluster_997; U77; - strand; Ticks on x-axis are at 14 nucleotides interval
	1541123414 chr1:173835507173835493173835479173835465173835451173835437 BreastMcf7Rep1_cluster_984; U77; - strand; Ticks on x-axis are at 14 nucleotides interval	1966033290 chr1:173835507173835493173835479173835465173835451173835437 BreastMcf7Rep2_cluster_1029; U77; - strand; Ticks on x-axis are at 14 nucleotides interval
	7584715918 chr1:173835507173835493173835479173835465173835451173835437 CervixHelas3Rep1_cluster_1155; U77; - strand; Ticks on x-axis are at 14 nucleotides interval	178114076 chr1:173835507173835493173835479173835465173835451173835437 CervixHelas3Rep2_cluster_1193; U77; - strand; Ticks on x-axis are at 14 nucleotides interval
	1137233402 chr1:173835507173835493173835479173835465173835451173835437 EpitheliumA549Rep1_cluster_992; U77; - strand; Ticks on x-axis are at 14 nucleotides interval	1180326492 chr1:173835507173835493173835479173835465173835451173835437 EpitheliumA549Rep2_cluster_832; U77; - strand; Ticks on x-axis are at 14 nucleotides interval
	17962504 chr1:173835507173835493173835479173835465173835451173835437 EscH1hescRep1_cluster_993; U77; - strand; Ticks on x-axis are at 14 nucleotides interval	10152736 chr1:173835507173835493173835479173835465173835451173835437 EscH1hescRep2_cluster_1141; U77; - strand; Ticks on x-axis are at 14 nucleotides interval
	34668037 chr1:173835507173835493173835479173835465173835451173835437 LiverHepg2Rep1_cluster_534; U77; - strand; Ticks on x-axis are at 14 nucleotides interval	46428757 chr1:173835507173835493173835479173835465173835451173835437 LiverHepg2Rep2_cluster_858; U77; - strand; Ticks on x-axis are at 14 nucleotides interval
	5539519808 chr1:173835507173835493173835479173835465173835451173835437 LungAg04450Rep1_cluster_1074; U77; - strand; Ticks on x-axis are at 14 nucleotides interval	5092527047 chr1:173835507173835493173835479173835465173835451173835437 LungAg04450Rep2_cluster_1178; U77; - strand; Ticks on x-axis are at 14 nucleotides interval
	8638946 chr1:173835507173835493173835479173835465173835451173835437 SkinBjRep1_cluster_544; U77; - strand; Ticks on x-axis are at 14 nucleotides interval	31743580 chr1:173835507173835493173835479173835465173835451173835437 SkinBjRep2_cluster_844; U77; - strand; Ticks on x-axis are at 14 nucleotides interval
Identifer	bgN_173835440_173835507_chr1.conserved	NA
Cluster score	0.18	NA
Clusters	2,2,2,2,2,1,1,2,2,2,2,2,2,1,1,0,0	NA
Overlap	NA	

	Replicate 1	Replicate 2
	9632 chr1:145397949 145397929 145397909 145397889 145397869 145397849 BloodGm12878Rep1_cluster.1087; chr1_Gly_TCC; - strand; Ticks on x-axis are at 20 nucleotides interval 4006 chr1:145397949 145397929 145397909 145397889 145397869 145397849 BrainSknshraRep1_cluster.962; chr1_Gly_TCC; - strand; Ticks on x-axis are at 20 nucleotides interval 1621 chr1:145397949 145397929 145397909 145397889 145397869 145397849 BreastMcf7Rep1_cluster.853; chr1_Gly_TCC; - strand; Ticks on x-axis are at 20 nucleotides interval 1062 chr1:145397949 145397929 145397909 145397889 145397869 145397849 CervixHelas3Rep1_cluster.1008; chr1_Gly_TCC; - strand; Ticks on x-axis are at 20 nucleotides interval 2988 chr1:145397949 145397929 145397909 145397889 145397869 145397849 EpitheliumA549Rep1_cluster.852; chr1_Gly_TCC; - strand; Ticks on x-axis are at 20 nucleotides interval 386 chr1:145397949 145397929 145397909 145397889 145397869 145397849 EscH1hescRep1_cluster.858; chr1_Gly_TCC; - strand; Ticks on x-axis are at 20 nucleotides interval 70 chr1:145397949 145397929 145397909 145397889 145397869 145397849 LiverHepg2Rep1_cluster.436; chr1_Gly_TCC; - strand; Ticks on x-axis are at 20 nucleotides interval 4464 chr1:145397949 145397929 145397909 145397889 145397869 145397849 LungAg04450Rep1_cluster.927; chr1_Gly_TCC; - strand; Ticks on x-axis are at 20 nucleotides interval 314 chr1:145397949 145397929 145397909 145397889 145397869 145397849 SkinBjRep1_cluster.449; chr1_Gly_TCC; - strand; Ticks on x-axis are at 20 nucleotides interval	14267 chr1:145397949 145397929 145397909 145397889 145397869 145397849 BloodGm12878Rep2_cluster.1289; chr1_Gly_TCC; - strand; Ticks on x-axis are at 20 nucleotides interval 2995 chr1:145397949 145397929 145397909 145397889 145397869 145397849 BrainSknshraRep2_cluster.855; chr1_Gly_TCC; - strand; Ticks on x-axis are at 20 nucleotides interval 5310 chr1:145397949 145397929 145397909 145397889 145397869 145397849 BreastMcf7Rep2_cluster.872; chr1_Gly_TCC; - strand; Ticks on x-axis are at 20 nucleotides interval 366 chr1:145397949 145397929 145397909 145397889 145397869 145397849 CervixHelas3Rep2_cluster.1047; chr1_Gly_TCC; - strand; Ticks on x-axis are at 20 nucleotides interval 1824 chr1:145397949 145397929 145397909 145397889 145397869 145397849 EpitheliumA549Rep2_cluster.702; chr1_Gly_TCC; - strand; Ticks on x-axis are at 20 nucleotides interval 176 chr1:145397949 145397929 145397909 145397889 145397869 145397849 EscH1hescRep2_cluster.1002; chr1_Gly_TCC; - strand; Ticks on x-axis are at 20 nucleotides interval 145 chr1:145397949 145397929 145397909 145397889 145397869 145397849 LiverHepg2Rep2_cluster.736; chr1_Gly_TCC; - strand; Ticks on x-axis are at 20 nucleotides interval 3581 chr1:145397949 145397929 145397909 145397889 145397869 145397849 LungAg04450Rep2_cluster.1030; chr1_Gly_TCC; - strand; Ticks on x-axis are at 20 nucleotides interval 163 chr1:145397949 145397929 145397909 145397889 145397869 145397849 SkinBjRep2_cluster.733; chr1_Gly_TCC; - strand; Ticks on x-axis are at 20 nucleotides interval
Identifer	bgN_145397850_145397946.chr1.conserved	NA
Cluster score	0.18	NA
Clusters	0,0,1,1,0,0,0,0,0,0,0,3,3,1,1,2,2	NA
Overlap	NA	

	Replicate 1	Replicate 2
	7492600 chr9:136217698 136217712 136217726 136217740 136217754 136217768 BloodGm12878Rep1_cluster_15313; U36C; + strand; Ticks on x-axis are at 14 nucleotides interval 10205551 chr9:136217698 136217712 136217726 136217740 136217754 136217768 BrainSknshraRep1_cluster_14064; U36C; + strand; Ticks on x-axis are at 14 nucleotides interval 2526690 chr9:136217698 136217712 136217726 136217740 136217754 136217768 BreastMcf7Rep1_cluster_12369; U36C; + strand; Ticks on x-axis are at 14 nucleotides interval 32081054 chr9:136217698 136217712 136217726 136217740 136217754 136217768 CervixHelas3Rep1_cluster_14753; U36C; + strand; Ticks on x-axis are at 14 nucleotides interval 6461708 chr9:136217698 136217712 136217726 136217740 136217754 136217768 EpitheliumA549Rep1_cluster_12480; U36C; + strand; Ticks on x-axis are at 14 nucleotides interval 78196 chr9:136217698 136217712 136217726 136217740 136217754 136217768 EscH1hescRep1_cluster_11773; U36C; + strand; Ticks on x-axis are at 14 nucleotides interval 421522 chr9:136217698 136217712 136217726 136217740 136217754 136217768 LiverHepg2Rep1_cluster_5682; U36C; + strand; Ticks on x-axis are at 14 nucleotides interval 3721442 chr9:136217698 136217712 136217726 136217740 136217754 136217768 LungAg04450Rep1_cluster_13402; U36C; + strand; Ticks on x-axis are at 14 nucleotides interval 164553 chr9:136217698 136217712 136217726 136217740 136217754 136217768 SkinBjRep1_cluster_5886; U36C; + strand; Ticks on x-axis are at 14 nucleotides interval	3350566 chr9:136217698 136217712 136217726 136217740 136217754 136217768 BloodGm12878Rep2_cluster_18268; U36C; + strand; Ticks on x-axis are at 14 nucleotides interval 7518511 chr9:136217698 136217712 136217726 136217740 136217754 136217768 BrainSknshraRep2_cluster_12354; U36C; + strand; Ticks on x-axis are at 14 nucleotides interval 24801140 chr9:136217698 136217712 136217726 136217740 136217754 136217768 BreastMcf7Rep2_cluster_12597; U36C; + strand; Ticks on x-axis are at 14 nucleotides interval 132834 chr9:136217698 136217712 136217726 136217740 136217754 136217768 CervixHelas3Rep2_cluster_14808; U36C; + strand; Ticks on x-axis are at 14 nucleotides interval 4157655 chr9:136217698 136217712 136217726 136217740 136217754 136217768 EpitheliumA549Rep2_cluster_10101; U36C; + strand; Ticks on x-axis are at 14 nucleotides interval 58189 chr9:136217698 136217712 136217726 136217740 136217754 136217768 EscH1hescRep2_cluster_13620; U36C; + strand; Ticks on x-axis are at 14 nucleotides interval 616378 chr9:136217698 136217712 136217726 136217740 136217754 136217768 LiverHepg2Rep2_cluster_9841; U36C; + strand; Ticks on x-axis are at 14 nucleotides interval 8126505 chr9:136217698 136217712 136217726 136217740 136217754 136217768 LungAg04450Rep2_cluster_14652; U36C; + strand; Ticks on x-axis are at 14 nucleotides interval 116469 chr9:136217698 136217712 136217726 136217740 136217754 136217768 SkinBjRep2_cluster_10416; U36C; + strand; Ticks on x-axis are at 14 nucleotides interval
Identifer	bgP_136217698_136217768_chr9.conserved	NA
Cluster score	0.18	NA
Clusters	0,0,0,0,0,0,0,0,0,1,1,2,2,0,0,1,1	NA
Overlap	NA	

	Replicate 1	Replicate 2
	234219 chr14:21093519 21093538 21093557 21093576 21093595 21093614 BloodGm12878Rep1_cluster_4167; chr14_Leu_TAG; + strand; Ticks on x-axis are at 19 nucleotides interval	428341 chr14:21093519 21093538 21093557 21093576 21093595 21093614 BloodGm12878Rep2_cluster_4945; chr14_Leu_TAG; + strand; Ticks on x-axis are at 19 nucleotides interval
	13978 chr14:21093519 21093538 21093557 21093576 21093595 21093614 BrainSknshraRep1_cluster_3882; chr14_Leu_TAG; + strand; Ticks on x-axis are at 19 nucleotides interval	19869 chr14:21093519 21093538 21093557 21093576 21093595 21093614 BrainSknshraRep2_cluster_3389; chr14_Leu_TAG; + strand; Ticks on x-axis are at 19 nucleotides interval
	18535 chr14:21093519 21093538 21093557 21093576 21093595 21093614 BreastMcf7Rep1_cluster_3415; chr14_Leu_TAG; + strand; Ticks on x-axis are at 19 nucleotides interval	339148 chr14:21093519 21093538 21093557 21093576 21093595 21093614 BreastMcf7Rep2_cluster_3404; chr14_Leu_TAG; + strand; Ticks on x-axis are at 19 nucleotides interval
	6936 chr14:21093519 21093538 21093557 21093576 21093595 21093614 CervixHelas3Rep1_cluster_4083; chr14_Leu_TAG; + strand; Ticks on x-axis are at 19 nucleotides interval	27869 chr14:21093519 21093538 21093557 21093576 21093595 21093614 CervixHelas3Rep2_cluster_4106; chr14_Leu_TAG; + strand; Ticks on x-axis are at 19 nucleotides interval
	525201 chr14:21093519 21093538 21093557 21093576 21093595 21093614 EpitheliumA549Rep1_cluster_3471; chr14_Leu_TAG; + strand; Ticks on x-axis are at 19 nucleotides interval	563105 chr14:21093519 21093538 21093557 21093576 21093595 21093614 EpitheliumA549Rep2_cluster_2783; chr14_Leu_TAG; + strand; Ticks on x-axis are at 19 nucleotides interval
	119032 chr14:21093519 21093538 21093557 21093576 21093595 21093614 EscH1hescRep1_cluster_3155; chr14_Leu_TAG; + strand; Ticks on x-axis are at 19 nucleotides interval	83046 chr14:21093519 21093538 21093557 21093576 21093595 21093614 EscH1hescRep2_cluster_3631; chr14_Leu_TAG; + strand; Ticks on x-axis are at 19 nucleotides interval
	32264 chr14:21093519 21093538 21093557 21093576 21093595 21093614 LiverHepg2Rep1_cluster_1559; chr14_Leu_TAG; + strand; Ticks on x-axis are at 19 nucleotides interval	45287 chr14:21093519 21093538 21093557 21093576 21093595 21093614 LiverHepg2Rep2_cluster_2695; chr14_Leu_TAG; + strand; Ticks on x-axis are at 19 nucleotides interval
	68954 chr14:21093519 21093538 21093557 21093576 21093595 21093614 LungAg04450Rep1_cluster_3727; chr14_Leu_TAG; + strand; Ticks on x-axis are at 19 nucleotides interval	590104 chr14:21093519 21093538 21093557 21093576 21093595 21093614 LungAg04450Rep2_cluster_4059; chr14_Leu_TAG; + strand; Ticks on x-axis are at 19 nucleotides interval
	38024 chr14:21093519 21093538 21093557 21093576 21093595 21093614 SkinBjRep1_cluster_1628; chr14_Leu_TAG; + strand; Ticks on x-axis are at 19 nucleotides interval	23642 chr14:21093519 21093538 21093557 21093576 21093595 21093614 SkinBjRep2_cluster_2874; chr14_Leu_TAG; + strand; Ticks on x-axis are at 19 nucleotides interval
Identifer	bgP_21093519_21093611_chr14.conserved	NA
Cluster score	0.18	NA
Clusters	2,2,2,2,2,2,2,2,2,2,2,2,1,1,2,2,2,2	NA
Overlap	NA	

	Replicate 1	Replicate 2
	2537384 chr5:711467397114678071146821711468627114690371146944 BloodGm12878Rep1_cluster_11575; 28S_rRNA-related; + strand; Ticks on x-axis are at 41 nucleotides interval 251816 chr5:711467397114678071146821711468627114690371146944 BrainSknshraRep1_cluster_10536; 28S_rRNA-related; + strand; Ticks on x-axis are at 41 nucleotides interval 77721 chr5:711467397114678071146821711468627114690371146944 BreastMcf7Rep1_cluster_9370; 28S_rRNA-related; + strand; Ticks on x-axis are at 41 nucleotides interval 425613 chr5:711467397114678071146821711468627114690371146944 CervixHelas3Rep1_cluster_11036; 28S_rRNA-related; + strand; Ticks on x-axis are at 41 nucleotides interval 282713 chr5:711467397114678071146821711468627114690371146944 EpitheliumA549Rep1_cluster_9380; 28S_rRNA-related; + strand; Ticks on x-axis are at 41 nucleotides interval 76965 chr5:711467397114678071146821711468627114690371146944 EscH1hescRep1_cluster_8696; 28S_rRNA-related; + strand; Ticks on x-axis are at 41 nucleotides interval 56653 chr5:711467397114678071146821711468627114690371146944 LiverHepg2Rep1_cluster_4160; 28S_rRNA-related; + strand; Ticks on x-axis are at 41 nucleotides interval 109114 chr5:711467397114678071146821711468627114690371146944 LungAg04450Rep1_cluster_10052; 28S_rRNA-related; + strand; Ticks on x-axis are at 41 nucleotides interval 7112 chr5:711467397114678071146821711468627114690371146944 SkinBjRep1_cluster_4389; 28S_rRNA-related; + strand; Ticks on x-axis are at 41 nucleotides interval	24921383 chr5:711467397114678071146821711468627114690371146944 BloodGm12878Rep2_cluster_13825; 28S_rRNA-related; + strand; Ticks on x-axis are at 41 nucleotides interval 232912 chr5:711467397114678071146821711468627114690371146944 BrainSknshraRep2_cluster_9261; 28S_rRNA-related; + strand; Ticks on x-axis are at 41 nucleotides interval 86113 chr5:711467397114678071146821711468627114690371146944 BreastMcf7Rep2_cluster_9445; 28S_rRNA-related; + strand; Ticks on x-axis are at 41 nucleotides interval 272113 chr5:711467397114678071146821711468627114690371146944 CervixHelas3Rep2_cluster_11050; 28S_rRNA-related; + strand; Ticks on x-axis are at 41 nucleotides interval 187012 chr5:711467397114678071146821711468627114690371146944 EpitheliumA549Rep2_cluster_7543; 28S_rRNA-related; + strand; Ticks on x-axis are at 41 nucleotides interval 93834 chr5:711467397114678071146821711468627114690371146944 EscH1hescRep2_cluster_10111; 28S_rRNA-related; + strand; Ticks on x-axis are at 41 nucleotides interval 136823 chr5:711467397114678071146821711468627114690371146944 LiverHepg2Rep2_cluster_7309; 28S_rRNA-related; + strand; Ticks on x-axis are at 41 nucleotides interval 206913 chr5:711467397114678071146821711468627114690371146944 LungAg04450Rep2_cluster_11052; 28S_rRNA-related; + strand; Ticks on x-axis are at 41 nucleotides interval 25913 chr5:711467397114678071146821711468627114690371146944 SkinBjRep2_cluster_7796; 28S_rRNA-related; + strand; Ticks on x-axis are at 41 nucleotides interval
Identifer	bgP_71146739_71146943_chr5.conserved	NA
Cluster score	0.18	NA
Clusters	4,4,3,3,0,0,0,0,3,3,1,1,2,2,0,0,0,0	NA
Overlap	NA	

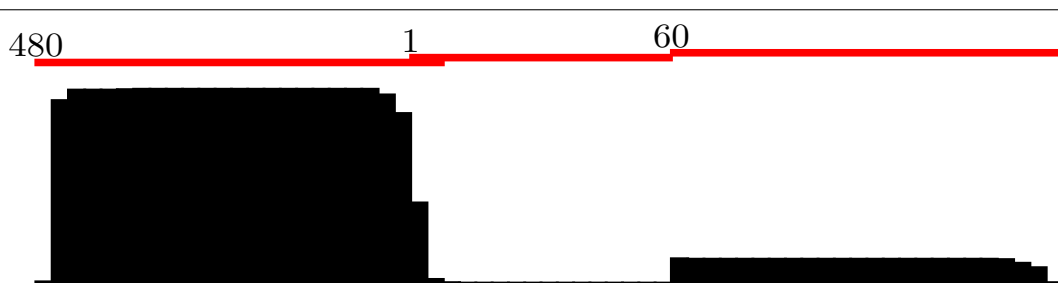
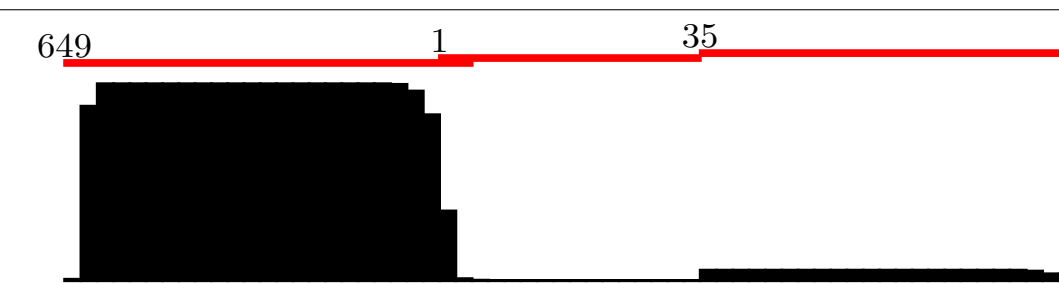
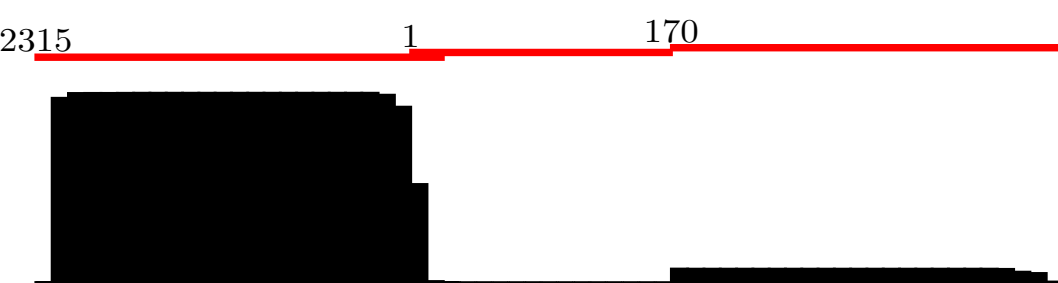
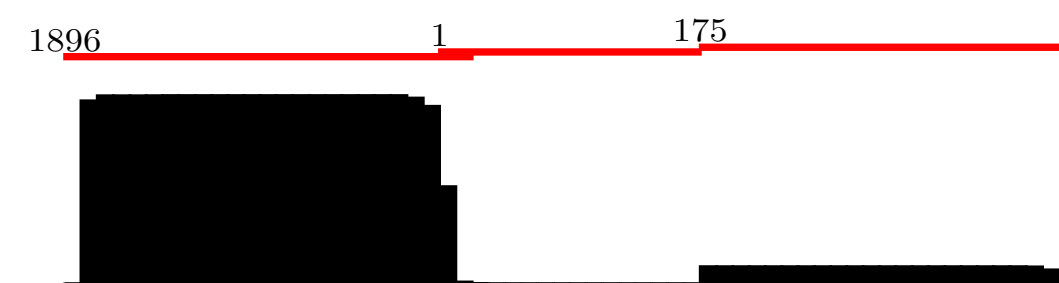
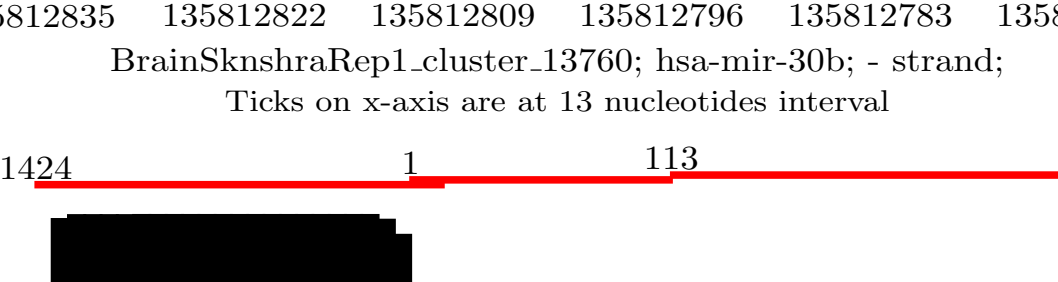
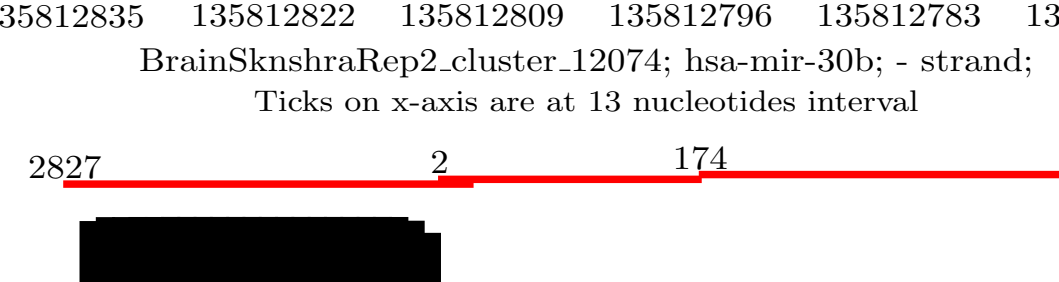
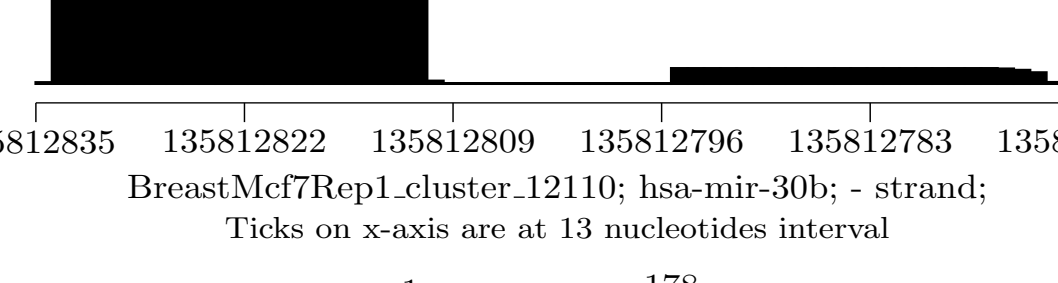
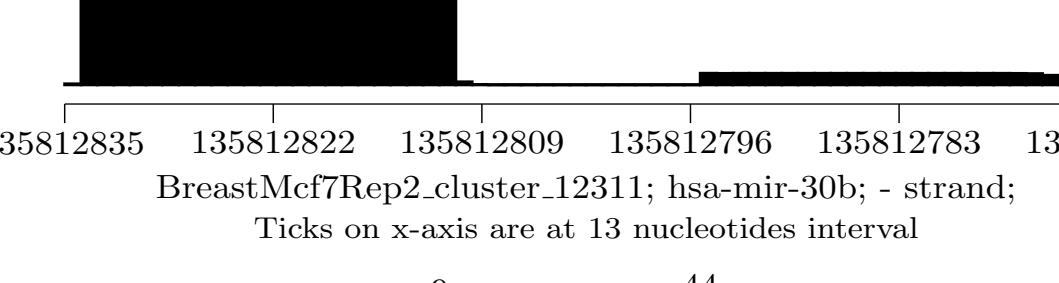
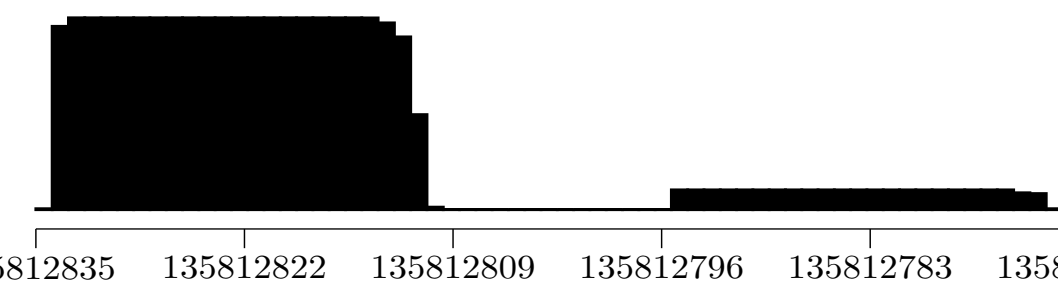
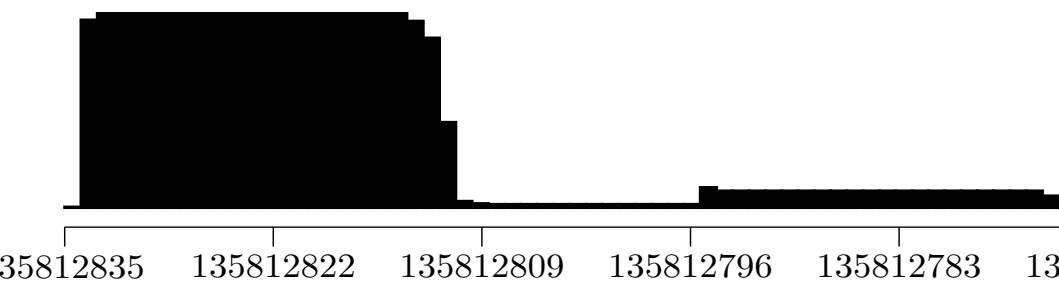
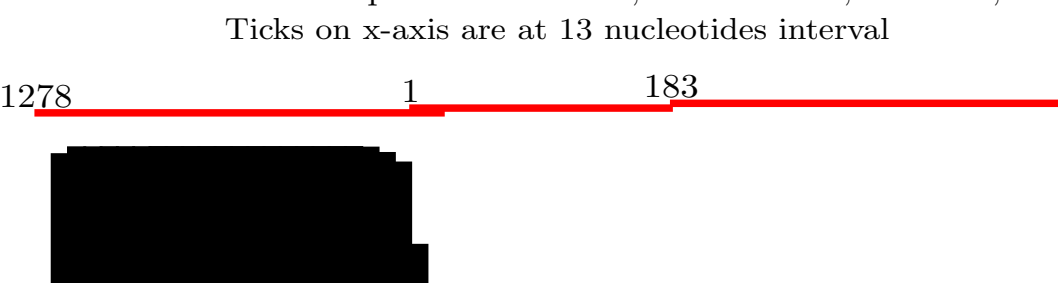
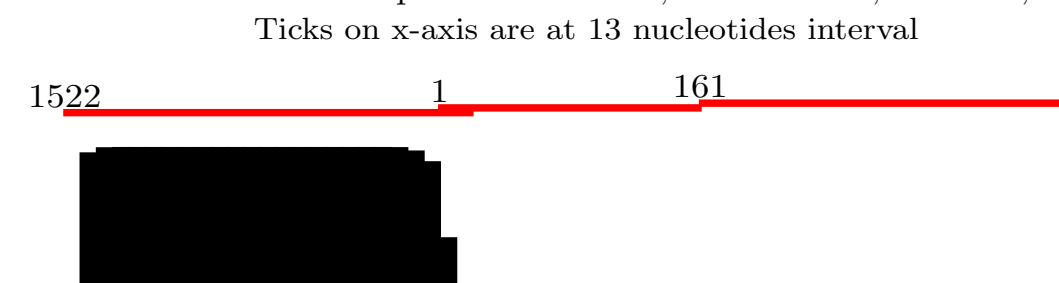
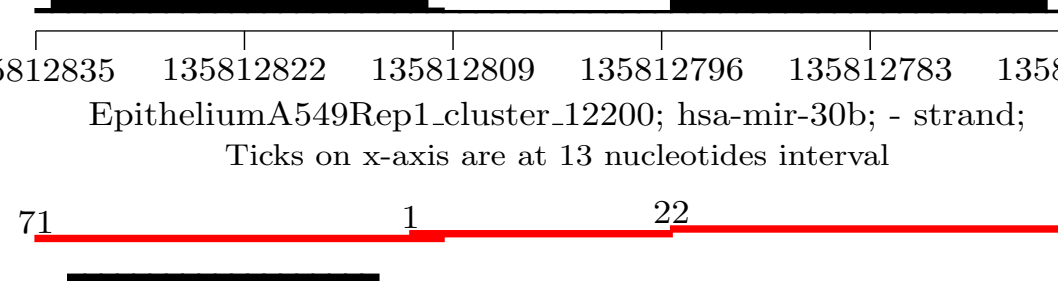
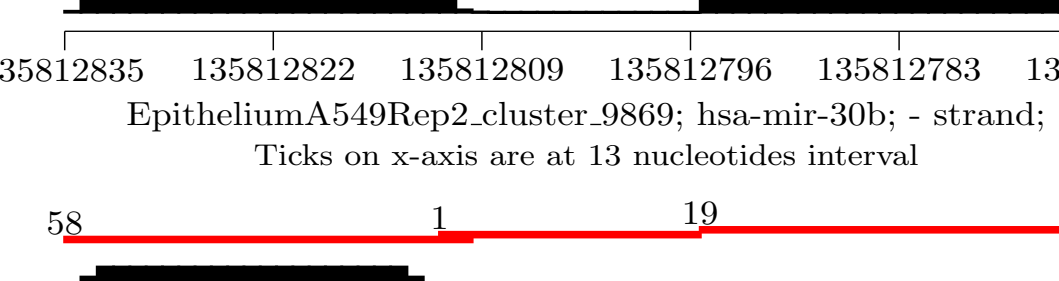
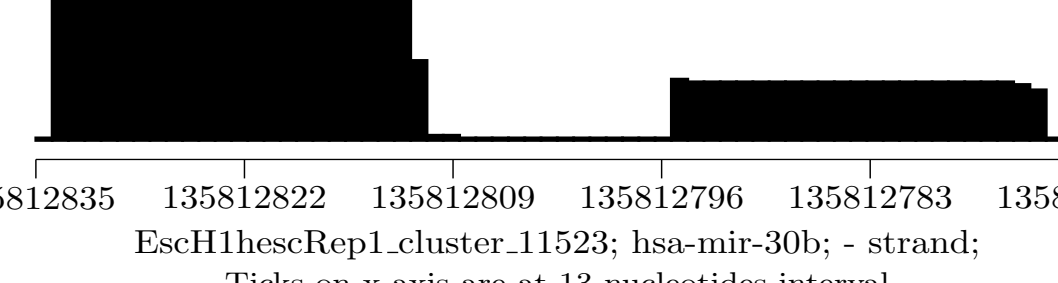
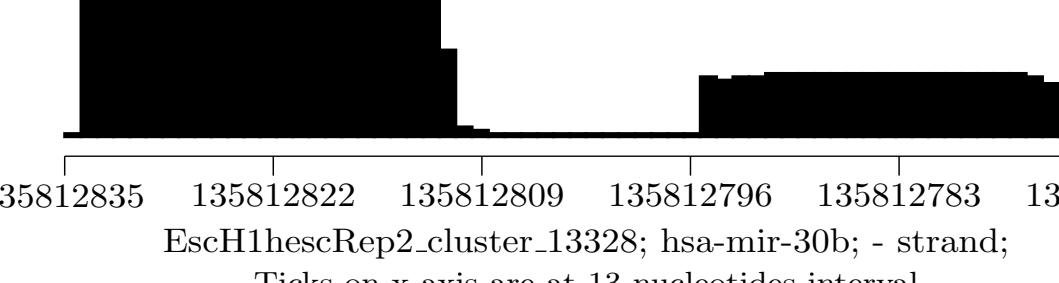
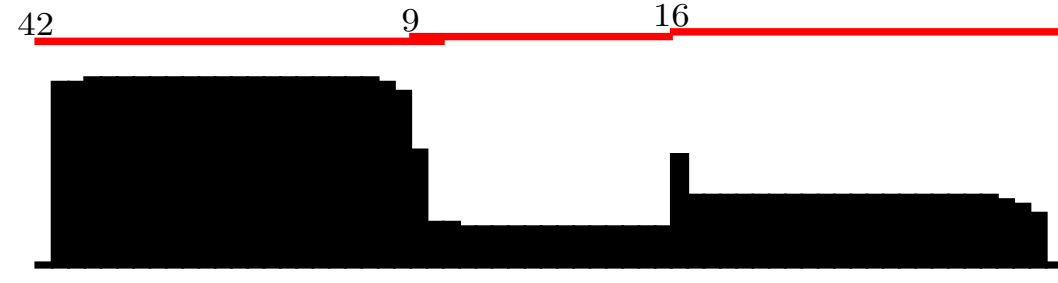
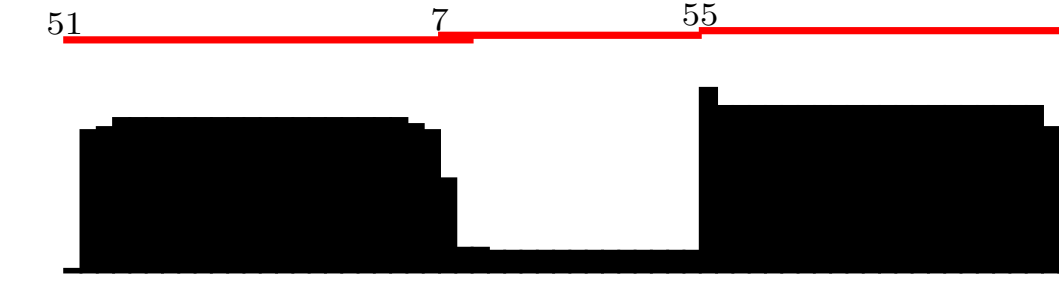
	Replicate 1	Replicate 2
	236116360  chr7:139025439 139025456 139025473 139025490 139025507 139025524 BloodGm12878Rep1_cluster_13761; chr7_Arg_CCT; + strand; Ticks on x-axis are at 17 nucleotides interval	930927527  chr7:139025439 139025456 139025473 139025490 139025507 139025524 BloodGm12878Rep2_cluster_16415; chr7_Arg_CCT; + strand; Ticks on x-axis are at 17 nucleotides interval
	71292763  chr7:139025439 139025456 139025473 139025490 139025507 139025524 BrainSknshraRep1_cluster_12645; chr7_Arg_CCT; + strand; Ticks on x-axis are at 17 nucleotides interval	72511783  chr7:139025439 139025456 139025473 139025490 139025507 139025524 BrainSknshraRep2_cluster_11105; chr7_Arg_CCT; + strand; Ticks on x-axis are at 17 nucleotides interval
	129694  chr7:139025439 139025456 139025473 139025490 139025507 139025524 BreastMcf7Rep1_cluster_11123; chr7_Arg_CCT; + strand; Ticks on x-axis are at 17 nucleotides interval	5221661  chr7:139025439 139025456 139025473 139025490 139025507 139025524 BreastMcf7Rep2_cluster_11296; chr7_Arg_CCT; + strand; Ticks on x-axis are at 17 nucleotides interval
	3058736  chr7:139025439 139025456 139025473 139025490 139025507 139025524 CervixHelas3Rep1_cluster_13279; chr7_Arg_CCT; + strand; Ticks on x-axis are at 17 nucleotides interval	1454725  chr7:139025439 139025456 139025473 139025490 139025507 139025524 CervixHelas3Rep2_cluster_13277; chr7_Arg_CCT; + strand; Ticks on x-axis are at 17 nucleotides interval
	51421264  chr7:139025439 139025456 139025473 139025490 139025507 139025524 EpitheliumA549Rep1_cluster_11205; chr7_Arg_CCT; + strand; Ticks on x-axis are at 17 nucleotides interval	1672835  chr7:139025439 139025456 139025473 139025490 139025507 139025524 EpitheliumA549Rep2_cluster_9063; chr7_Arg_CCT; + strand; Ticks on x-axis are at 17 nucleotides interval
	329689  chr7:139025439 139025456 139025473 139025490 139025507 139025524 EscH1hescRep1_cluster_10543; chr7_Arg_CCT; + strand; Ticks on x-axis are at 17 nucleotides interval	159687  chr7:139025439 139025456 139025473 139025490 139025507 139025524 EscH1hescRep2_cluster_12203; chr7_Arg_CCT; + strand; Ticks on x-axis are at 17 nucleotides interval
	137709  chr7:139025439 139025456 139025473 139025490 139025507 139025524 LiverHepg2Rep1_cluster_5082; chr7_Arg_CCT; + strand; Ticks on x-axis are at 17 nucleotides interval	2001595  chr7:139025439 139025456 139025473 139025490 139025507 139025524 LiverHepg2Rep2_cluster_8822; chr7_Arg_CCT; + strand; Ticks on x-axis are at 17 nucleotides interval
	69481644  chr7:139025439 139025456 139025473 139025490 139025507 139025524 LungAg04450Rep1_cluster_12047; chr7_Arg_CCT; + strand; Ticks on x-axis are at 17 nucleotides interval	53043067  chr7:139025439 139025456 139025473 139025490 139025507 139025524 LungAg04450Rep2_cluster_13165; chr7_Arg_CCT; + strand; Ticks on x-axis are at 17 nucleotides interval
	32441769  chr7:139025439 139025456 139025473 139025490 139025507 139025524 SkinBjRep1_cluster_5315; chr7_Arg_CCT; + strand; Ticks on x-axis are at 17 nucleotides interval	4161343  chr7:139025439 139025456 139025473 139025490 139025507 139025524 SkinBjRep2_cluster_9383; chr7_Arg_CCT; + strand; Ticks on x-axis are at 17 nucleotides interval
Identifer	bgP_139025439_139025521_chr7.conserved	NA
Cluster score	0.18	NA
Clusters	2,2,1,1,2,2,2,1,1,2,2,2,1,1,0,0	NA
Overlap	NA	

	Replicate 1	Replicate 2
	557636 chr6:28626094 28626076 28626058 28626040 28626022 28626004 BloodGm12878Rep1_cluster_13068; chr6_Ala_AGC; - strand; Ticks on x-axis are at 18 nucleotides interval 1166327 chr6:28626094 28626076 28626058 28626040 28626022 28626004 BrainSknshraRep1_cluster_11933; chr6_Ala_AGC; - strand; Ticks on x-axis are at 18 nucleotides interval 434313 chr6:28626094 28626076 28626058 28626040 28626022 28626004 BreastMcf7Rep1_cluster_10574; chr6_Ala_AGC; - strand; Ticks on x-axis are at 18 nucleotides interval 3061007 chr6:28626094 28626076 28626058 28626040 28626022 28626004 CervixHelas3Rep1_cluster_12599; chr6_Ala_AGC; - strand; Ticks on x-axis are at 18 nucleotides interval 335240 chr6:28626094 28626076 28626058 28626040 28626022 28626004 EpitheliumA549Rep1_cluster_10625; chr6_Ala_AGC; - strand; Ticks on x-axis are at 18 nucleotides interval 87229 chr6:28626094 28626076 28626058 28626040 28626022 28626004 EscH1hescRep1_cluster_9931; chr6_Ala_AGC; - strand; Ticks on x-axis are at 18 nucleotides interval 5332461 chr6:28626094 28626076 28626058 28626040 28626022 28626004 LiverHepg2Rep1_cluster_4822; chr6_Ala_AGC; - strand; Ticks on x-axis are at 18 nucleotides interval 3659323 chr6:28626094 28626076 28626058 28626040 28626022 28626004 LungAg04450Rep1_cluster_11394; chr6_Ala_AGC; - strand; Ticks on x-axis are at 18 nucleotides interval 52121 chr6:28626094 28626076 28626058 28626040 28626022 28626004 SkinBjRep1_cluster_5030; chr6_Ala_AGC; - strand; Ticks on x-axis are at 18 nucleotides interval	9331350 chr6:28626094 28626076 28626058 28626040 28626022 28626004 BloodGm12878Rep2_cluster_15581; chr6_Ala_AGC; - strand; Ticks on x-axis are at 18 nucleotides interval 1388313 chr6:28626094 28626076 28626058 28626040 28626022 28626004 BrainSknshraRep2_cluster_10512; chr6_Ala_AGC; - strand; Ticks on x-axis are at 18 nucleotides interval 745559 chr6:28626094 28626076 28626058 28626040 28626022 28626004 BreastMcf7Rep2_cluster_10717; chr6_Ala_AGC; - strand; Ticks on x-axis are at 18 nucleotides interval 40774 chr6:28626094 28626076 28626058 28626040 28626022 28626004 CervixHelas3Rep2_cluster_12587; chr6_Ala_AGC; - strand; Ticks on x-axis are at 18 nucleotides interval 453163 chr6:28626094 28626076 28626058 28626040 28626022 28626004 EpitheliumA549Rep2_cluster_8604; chr6_Ala_AGC; - strand; Ticks on x-axis are at 18 nucleotides interval 59226 chr6:28626094 28626076 28626058 28626040 28626022 28626004 EscH1hescRep2_cluster_11509; chr6_Ala_AGC; - strand; Ticks on x-axis are at 18 nucleotides interval 11814383 chr6:28626094 28626076 28626058 28626040 28626022 28626004 LiverHepg2Rep2_cluster_8370; chr6_Ala_AGC; - strand; Ticks on x-axis are at 18 nucleotides interval 2359462 chr6:28626094 28626076 28626058 28626040 28626022 28626004 LungAg04450Rep2_cluster_12470; chr6_Ala_AGC; - strand; Ticks on x-axis are at 18 nucleotides interval 15207 chr6:28626094 28626076 28626058 28626040 28626022 28626004 SkinBjRep2_cluster_8865; chr6_Ala_AGC; - strand; Ticks on x-axis are at 18 nucleotides interval
Identifer	bgN_28626007_28626091_chr6.conserved	NA
Cluster score	0.18	NA
Clusters	2,2,4,4,3,3,0,0,0,0,1,1,5,5,4,4,0,0	NA
Overlap	NA	

	Replicate 1	Replicate 2
	591 chrX:851587078515869485158681851586688515865585158642 BloodGm12878Rep1_cluster_16297; hsa-mir-361; - strand; Ticks on x-axis are at 13 nucleotides interval 253 chrX:851587078515869485158681851586688515865585158642 BrainSknshraRep1_cluster_14988; hsa-mir-361; - strand; Ticks on x-axis are at 13 nucleotides interval 619 chrX:851587078515869485158681851586688515865585158642 BreastMcf7Rep1_cluster_13183; hsa-mir-361; - strand; Ticks on x-axis are at 13 nucleotides interval 1215 chrX:851587078515869485158681851586688515865585158642 CervixHelas3Rep1_cluster_15729; hsa-mir-361; - strand; Ticks on x-axis are at 13 nucleotides interval 1521 chrX:851587078515869485158681851586688515865585158642 EpitheliumA549Rep1_cluster_13263; hsa-mir-361; - strand; Ticks on x-axis are at 13 nucleotides interval 483 chrX:851587078515869485158681851586688515865585158642 EscH1hescRep1_cluster_12503; hsa-mir-361; - strand; Ticks on x-axis are at 13 nucleotides interval 13971 chrX:851587078515869485158681851586688515865585158642 LiverHepg2Rep1_cluster_6065; hsa-mir-361; - strand; Ticks on x-axis are at 13 nucleotides interval 2354 chrX:851587078515869485158681851586688515865585158642 LungAg04450Rep1_cluster_14266; hsa-mir-361; - strand; Ticks on x-axis are at 13 nucleotides interval 1443 chrX:851587078515869485158681851586688515865585158642 SkinBjRep1_cluster_6267; hsa-mir-361; - strand; Ticks on x-axis are at 13 nucleotides interval	884 chrX:851587078515869485158681851586688515865585158642 BloodGm12878Rep2_cluster_19428; hsa-mir-361; - strand; Ticks on x-axis are at 13 nucleotides interval 6227 chrX:851587078515869485158681851586688515865585158642 BrainSknshraRep2_cluster_13181; hsa-mir-361; - strand; Ticks on x-axis are at 13 nucleotides interval 1301 chrX:851587078515869485158681851586688515865585158642 BreastMcf7Rep2_cluster_13417; hsa-mir-361; - strand; Ticks on x-axis are at 13 nucleotides interval 1130 chrX:851587078515869485158681851586688515865585158642 CervixHelas3Rep2_cluster_15801; hsa-mir-361; - strand; Ticks on x-axis are at 13 nucleotides interval 2039 chrX:851587078515869485158681851586688515865585158642 EpitheliumA549Rep2_cluster_10743; hsa-mir-361; - strand; Ticks on x-axis are at 13 nucleotides interval 445 chrX:851587078515869485158681851586688515865585158642 EscH1hescRep2_cluster_14477; hsa-mir-361; - strand; Ticks on x-axis are at 13 nucleotides interval 19142 chrX:851587078515869485158681851586688515865585158642 LiverHepg2Rep2_cluster_10505; hsa-mir-361; - strand; Ticks on x-axis are at 13 nucleotides interval 2228 chrX:851587078515869485158681851586688515865585158642 LungAg04450Rep2_cluster_15593; hsa-mir-361; - strand; Ticks on x-axis are at 13 nucleotides interval 3372 chrX:851587078515869485158681851586688515865585158642 SkinBjRep2_cluster_11079; hsa-mir-361; - strand; Ticks on x-axis are at 13 nucleotides interval
Identifer	bgN_85158643_85158707_chrX.conserved	NA
Cluster score	0.17	NA
Clusters	0,0,2,2,2,2,2,2,2,2,2,1,1,2,2,2,2	NA
Overlap	NA	

	Replicate 1	Replicate 2
	1506 chrX:497778624977787449777886497778984977791049777922 BloodGm12878Rep1_cluster_15833; hsa-mir-660; + strand; Ticks on x-axis are at 12 nucleotides interval	3171 chrX:497778624977787449777886497778984977791049777922 BloodGm12878Rep2_cluster_18877; hsa-mir-660; + strand; Ticks on x-axis are at 12 nucleotides interval
	7308 chrX:497778624977787449777886497778984977791049777922 BrainSknsbraRep1_cluster_14526; hsa-mir-660; + strand; Ticks on x-axis are at 12 nucleotides interval	8727 chrX:497778624977787449777886497778984977791049777922 BrainSknsbraRep2_cluster_12778; hsa-mir-660; + strand; Ticks on x-axis are at 12 nucleotides interval
	1144 chrX:497778624977787449777886497778984977791049777922 BreastMcf7Rep1_cluster_12793; hsa-mir-660; + strand; Ticks on x-axis are at 12 nucleotides interval	1620 chrX:497778624977787449777886497778984977791049777922 BreastMcf7Rep2_cluster_13034; hsa-mir-660; + strand; Ticks on x-axis are at 12 nucleotides interval
	4012 chrX:497778624977787449777886497778984977791049777922 CervixHelas3Rep1_cluster_15261; hsa-mir-660; + strand; Ticks on x-axis are at 12 nucleotides interval	6060 chrX:497778624977787449777886497778984977791049777922 CervixHelas3Rep2_cluster_15325; hsa-mir-660; + strand; Ticks on x-axis are at 12 nucleotides interval
	2395 chrX:497778624977787449777886497778984977791049777922 EpitheliumA549Rep1_cluster_12880; hsa-mir-660; + strand; Ticks on x-axis are at 12 nucleotides interval	2471 chrX:497778624977787449777886497778984977791049777922 EpitheliumA549Rep2_cluster_10444; hsa-mir-660; + strand; Ticks on x-axis are at 12 nucleotides interval
	810 chrX:497778624977787449777886497778984977791049777922 EscH1hescRep1_cluster_12137; hsa-mir-660; + strand; Ticks on x-axis are at 12 nucleotides interval	732 chrX:497778624977787449777886497778984977791049777922 EscH1hescRep2_cluster_14059; hsa-mir-660; + strand; Ticks on x-axis are at 12 nucleotides interval
	2620 chrX:497778624977787449777886497778984977791049777922 LiverHepg2Rep1_cluster_5883; hsa-mir-660; + strand; Ticks on x-axis are at 12 nucleotides interval	7701 chrX:497778624977787449777886497778984977791049777922 LiverHepg2Rep2_cluster_10198; hsa-mir-660; + strand; Ticks on x-axis are at 12 nucleotides interval
	1166 chrX:497778624977787449777886497778984977791049777922 LungAg04450Rep1_cluster_13864; hsa-mir-660; + strand; Ticks on x-axis are at 12 nucleotides interval	1661 chrX:497778624977787449777886497778984977791049777922 LungAg04450Rep2_cluster_15155; hsa-mir-660; + strand; Ticks on x-axis are at 12 nucleotides interval
	512 chrX:497778624977787449777886497778984977791049777922 SkinBjRep1_cluster_6084; hsa-mir-660; + strand; Ticks on x-axis are at 12 nucleotides interval	885 chrX:497778624977787449777886497778984977791049777922 SkinBjRep2_cluster_10761; hsa-mir-660; + strand; Ticks on x-axis are at 12 nucleotides interval
Identifer	bgP_49777862_49777923_chrX.conserved	NA
Cluster score	0.17	NA
Clusters	0,0,1,1,1,0,0,1,1,0,0,2,2,1,1,0,0	NA
Overlap	NA	

	Replicate 1	Replicate 2
	70 chr5:82360157 82360133 82360109 82360085 82360061 82360037 BloodGm12878Rep1_cluster_12084; U109; - strand; Ticks on x-axis are at 24 nucleotides interval 5 5 chr5:82360157 82360133 82360109 82360085 82360061 82360037 BrainSknshraRep1_cluster_11019; U109; - strand; Ticks on x-axis are at 24 nucleotides interval 883 chr5:82360157 82360133 82360109 82360085 82360061 82360037 BreastMcf7Rep1_cluster_9785; U109; - strand; Ticks on x-axis are at 24 nucleotides interval 20 5 2 chr5:82360157 82360133 82360109 82360085 82360061 82360037 CervixHelas3Rep1_cluster_11588; U109; - strand; Ticks on x-axis are at 24 nucleotides interval 290 25 8 chr5:82360157 82360133 82360109 82360085 82360061 82360037 EpitheliumA549Rep1_cluster_9823; U109; - strand; Ticks on x-axis are at 24 nucleotides interval 152 2 2 chr5:82360157 82360133 82360109 82360085 82360061 82360037 EscH1hescrep1_cluster_9102; U109; - strand; Ticks on x-axis are at 24 nucleotides interval 312 2 6 chr5:82360157 82360133 82360109 82360085 82360061 82360037 LiverHepg2Rep1_cluster_4351; U109; - strand; Ticks on x-axis are at 24 nucleotides interval 261 8 9 chr5:82360157 82360133 82360109 82360085 82360061 82360037 LungAg04450Rep1_cluster_10505; U109; - strand; Ticks on x-axis are at 24 nucleotides interval 965 6 3 chr5:82360157 82360133 82360109 82360085 82360061 82360037 SkinBjRep1_cluster_4584; U109; - strand; Ticks on x-axis are at 24 nucleotides interval 7923 3 29 chr5:82360157 82360133 82360109 82360085 82360061 82360037 BloodGm12878Rep2_cluster_14422; U109; - strand; Ticks on x-axis are at 24 nucleotides interval	79 chr5:82360157 82360133 82360109 82360085 82360061 82360037 BrainSknshraRep2_cluster_9687; U109; - strand; Ticks on x-axis are at 24 nucleotides interval 14 5 chr5:82360157 82360133 82360109 82360085 82360061 82360037 BreastMcf7Rep2_cluster_9874; U109; - strand; Ticks on x-axis are at 24 nucleotides interval 860 chr5:82360157 82360133 82360109 82360085 82360061 82360037 CervixHelas3Rep2_cluster_11577; U109; - strand; Ticks on x-axis are at 24 nucleotides interval 48 4 8 chr5:82360157 82360133 82360109 82360085 82360061 82360037 EpitheliumA549Rep2_cluster_7912; U109; - strand; Ticks on x-axis are at 24 nucleotides interval 27 4 3 chr5:82360157 82360133 82360109 82360085 82360061 82360037 EscH1hescrep2_cluster_10594; U109; - strand; Ticks on x-axis are at 24 nucleotides interval 346 6 4 chr5:82360157 82360133 82360109 82360085 82360061 82360037 LiverHepg2Rep2_cluster_7668; U109; - strand; Ticks on x-axis are at 24 nucleotides interval 135 1 2 chr5:82360157 82360133 82360109 82360085 82360061 82360037 LungAg04450Rep2_cluster_11542; U109; - strand; Ticks on x-axis are at 24 nucleotides interval 209 5 5 chr5:82360157 82360133 82360109 82360085 82360061 82360037 SkinBjRep2_cluster_8157; U109; - strand; Ticks on x-axis are at 24 nucleotides interval 425 2 6 chr5:82360157 82360133 82360109 82360085 82360061 82360037 BloodGm12878Rep1_cluster_12084; U109; - strand; Ticks on x-axis are at 24 nucleotides interval 1740 4 26 chr5:82360157 82360133 82360109 82360085 82360061 82360037 BrainSknshraRep1_cluster_11019; U109; - strand; Ticks on x-axis are at 24 nucleotides interval
Identifer	bgN_82360040_82360156_chr5.conserved	NA
Cluster score	0.17	NA
Clusters	1,1,2,2,1,1,1,1,2,2,2,2,2,2,2,2	NA
Overlap	NA	

	Replicate 1	Replicate 2
	 chr8:135812835 135812822 135812809 135812796 135812783 135812770 BloodGm12878Rep1_cluster_14971; hsa-mir-30b; - strand; Ticks on x-axis are at 13 nucleotides interval	 chr8:135812835 135812822 135812809 135812796 135812783 135812770 BloodGm12878Rep2_cluster_17877; hsa-mir-30b; - strand; Ticks on x-axis are at 13 nucleotides interval
	 chr8:135812835 135812822 135812809 135812796 135812783 135812770 BrainSknshraRep1_cluster_13760; hsa-mir-30b; - strand; Ticks on x-axis are at 13 nucleotides interval	 chr8:135812835 135812822 135812809 135812796 135812783 135812770 BrainSknshraRep2_cluster_12074; hsa-mir-30b; - strand; Ticks on x-axis are at 13 nucleotides interval
	 chr8:135812835 135812822 135812809 135812796 135812783 135812770 BreastMcf7Rep1_cluster_12110; hsa-mir-30b; - strand; Ticks on x-axis are at 13 nucleotides interval	 chr8:135812835 135812822 135812809 135812796 135812783 135812770 BreastMcf7Rep2_cluster_12311; hsa-mir-30b; - strand; Ticks on x-axis are at 13 nucleotides interval
	 chr8:135812835 135812822 135812809 135812796 135812783 135812770 CervixHelas3Rep1_cluster_14442; hsa-mir-30b; - strand; Ticks on x-axis are at 13 nucleotides interval	 chr8:135812835 135812822 135812809 135812796 135812783 135812770 CervixHelas3Rep2_cluster_14470; hsa-mir-30b; - strand; Ticks on x-axis are at 13 nucleotides interval
	 chr8:135812835 135812822 135812809 135812796 135812783 135812770 EpitheliumA549Rep1_cluster_12200; hsa-mir-30b; - strand; Ticks on x-axis are at 13 nucleotides interval	 chr8:135812835 135812822 135812809 135812796 135812783 135812770 EpitheliumA549Rep2_cluster_9869; hsa-mir-30b; - strand; Ticks on x-axis are at 13 nucleotides interval
	 chr8:135812835 135812822 135812809 135812796 135812783 135812770 EscH1hescRep1_cluster_11523; hsa-mir-30b; - strand; Ticks on x-axis are at 13 nucleotides interval	 chr8:135812835 135812822 135812809 135812796 135812783 135812770 EscH1hescRep2_cluster_13328; hsa-mir-30b; - strand; Ticks on x-axis are at 13 nucleotides interval
	 chr8:135812835 135812822 135812809 135812796 135812783 135812770 LiverHepg2Rep1_cluster_5551; hsa-mir-30b; - strand; Ticks on x-axis are at 13 nucleotides interval	 chr8:135812835 135812822 135812809 135812796 135812783 135812770 LiverHepg2Rep2_cluster_9606; hsa-mir-30b; - strand; Ticks on x-axis are at 13 nucleotides interval
	 chr8:135812835 135812822 135812809 135812796 135812783 135812770 LungAg04450Rep1_cluster_13115; hsa-mir-30b; - strand; Ticks on x-axis are at 13 nucleotides interval	 chr8:135812835 135812822 135812809 135812796 135812783 135812770 LungAg04450Rep2_cluster_14346; hsa-mir-30b; - strand; Ticks on x-axis are at 13 nucleotides interval
	 chr8:135812835 135812822 135812809 135812796 135812783 135812770 SkinBjRep1_cluster_5754; hsa-mir-30b; - strand; Ticks on x-axis are at 13 nucleotides interval	 chr8:135812835 135812822 135812809 135812796 135812783 135812770 SkinBjRep2_cluster_10189; hsa-mir-30b; - strand; Ticks on x-axis are at 13 nucleotides interval
Identifer	bgN_135812772_135812835_chr8.conserved	NA
Cluster score	0.17	NA
Clusters	2,2,2,2,2,2,2,2,2,1,1,1,1,1,2,2,1,1	NA
Overlap	NA	

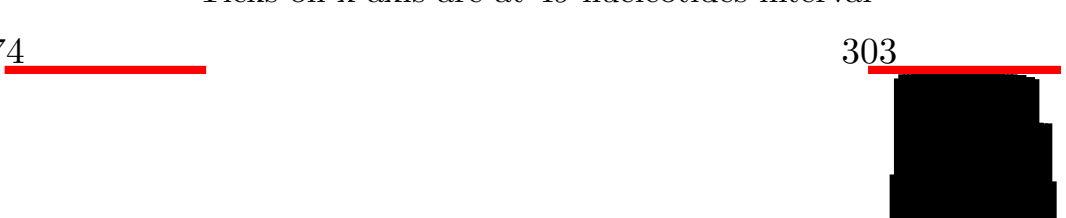
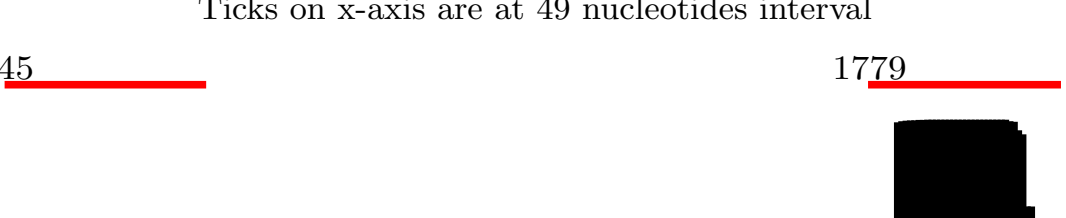
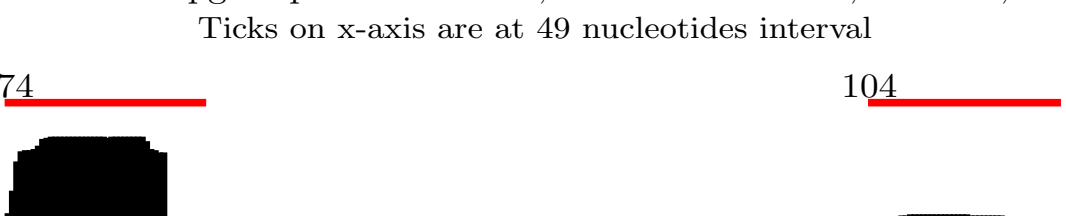
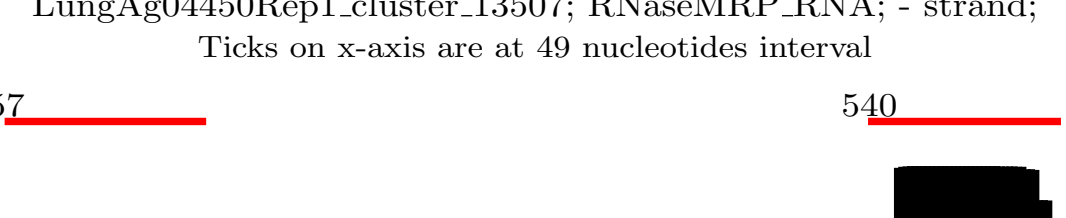
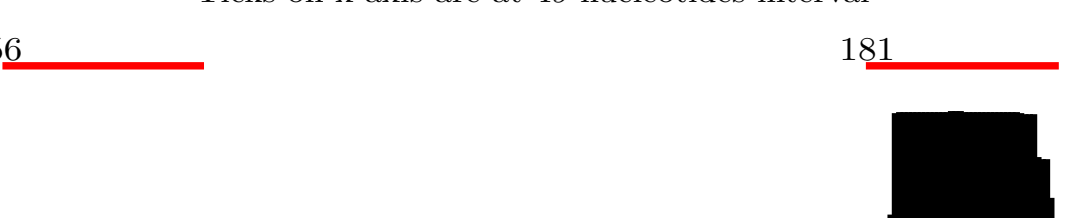
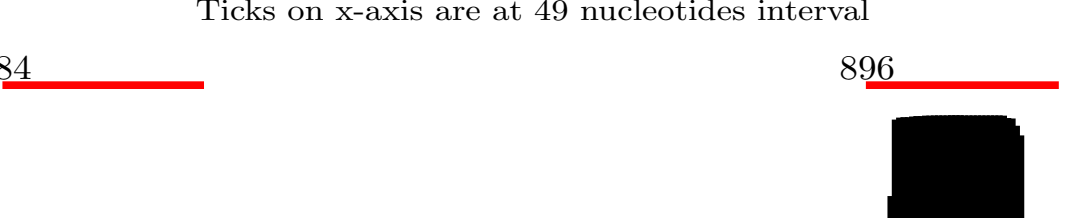
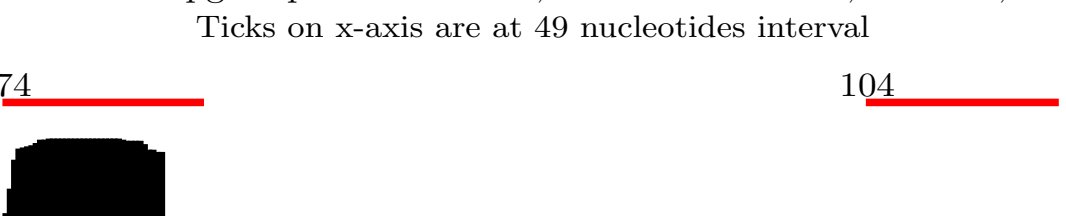
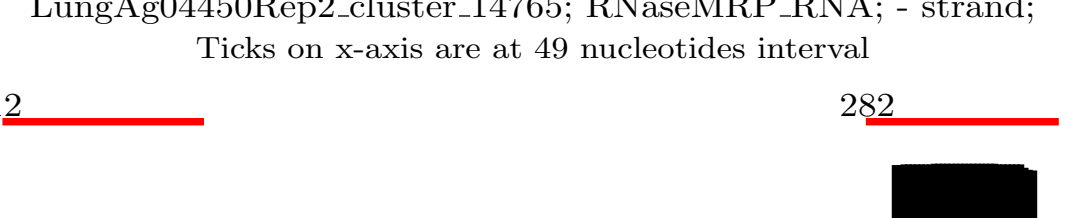
	Replicate 1	Replicate 2
	30195106 chr16:705634147056342970563444705634597056347470563489 BloodGm12878Rep1_cluster_5412; hsa-mir-3647; + strand; Ticks on x-axis are at 15 nucleotides interval	345966 chr16:705634147056342970563444705634597056347470563489 BloodGm12878Rep2_cluster_6424; hsa-mir-3647; + strand; Ticks on x-axis are at 15 nucleotides interval
	6063167 chr16:705634147056342970563444705634597056347470563489 BrainSknshraRep1_cluster_4965; hsa-mir-3647; + strand; Ticks on x-axis are at 15 nucleotides interval	4060185 chr16:705634147056342970563444705634597056347470563489 BrainSknshraRep2_cluster_4361; hsa-mir-3647; + strand; Ticks on x-axis are at 15 nucleotides interval
	145661 chr16:705634147056342970563444705634597056347470563489 BreastMcf7Rep1_cluster_4409; hsa-mir-3647; + strand; Ticks on x-axis are at 15 nucleotides interval	1208174 chr16:705634147056342970563444705634597056347470563489 BreastMcf7Rep2_cluster_4416; hsa-mir-3647; + strand; Ticks on x-axis are at 15 nucleotides interval
	5095111 chr16:705634147056342970563444705634597056347470563489 CervixHelas3Rep1_cluster_5244; hsa-mir-3647; + strand; Ticks on x-axis are at 15 nucleotides interval	11679 chr16:705634147056342970563444705634597056347470563489 CervixHelas3Rep2_cluster_5273; hsa-mir-3647; + strand; Ticks on x-axis are at 15 nucleotides interval
	4197105 chr16:705634147056342970563444705634597056347470563489 EpitheliumA549Rep1_cluster_4472; hsa-mir-3647; + strand; Ticks on x-axis are at 15 nucleotides interval	3338124 chr16:705634147056342970563444705634597056347470563489 EpitheliumA549Rep2_cluster_3619; hsa-mir-3647; + strand; Ticks on x-axis are at 15 nucleotides interval
	13145 chr16:705634147056342970563444705634597056347470563489 EscH1hescRep1_cluster_4112; hsa-mir-3647; + strand; Ticks on x-axis are at 15 nucleotides interval	8730 chr16:705634147056342970563444705634597056347470563489 EscH1hescRep2_cluster_4725; hsa-mir-3647; + strand; Ticks on x-axis are at 15 nucleotides interval
	972367 chr16:705634147056342970563444705634597056347470563489 LiverHepg2Rep1_cluster_2036; hsa-mir-3647; + strand; Ticks on x-axis are at 15 nucleotides interval	663285 chr16:705634147056342970563444705634597056347470563489 LiverHepg2Rep2_cluster_3494; hsa-mir-3647; + strand; Ticks on x-axis are at 15 nucleotides interval
	258382 chr16:705634147056342970563444705634597056347470563489 LungAg04450Rep1_cluster_4847; hsa-mir-3647; + strand; Ticks on x-axis are at 15 nucleotides interval	469690 chr16:705634147056342970563444705634597056347470563489 LungAg04450Rep2_cluster_5269; hsa-mir-3647; + strand; Ticks on x-axis are at 15 nucleotides interval
	25774 chr16:705634147056342970563444705634597056347470563489 SkinBjRep1_cluster_2181; hsa-mir-3647; + strand; Ticks on x-axis are at 15 nucleotides interval	232166 chr16:705634147056342970563444705634597056347470563489 SkinBjRep2_cluster_3778; hsa-mir-3647; + strand; Ticks on x-axis are at 15 nucleotides interval
Identifer	bgP_70563414_70563488_chr16.conserved	NA
Cluster score	0.17	NA
Clusters	0,0,1,1,0,0,0,1,1,2,2,2,2,1,1,2,2	NA
Overlap	NA	

	Replicate 1	Replicate 2
	16647499 chr11:62621207 62621193 62621179 62621165 62621151 62621137 BloodGm12878Rep1_cluster.2721; U30; - strand; Ticks on x-axis are at 14 nucleotides interval	14014676 chr11:62621207 62621193 62621179 62621165 62621151 62621137 BloodGm12878Rep2_cluster.3253; U30; - strand; Ticks on x-axis are at 14 nucleotides interval
	158701137 chr11:62621207 62621193 62621179 62621165 62621151 62621137 BrainSknshraRep1_cluster.2503; U30; - strand; Ticks on x-axis are at 14 nucleotides interval	155321246 chr11:62621207 62621193 62621179 62621165 62621151 62621137 BrainSknshraRep2_cluster.2193; U30; - strand; Ticks on x-axis are at 14 nucleotides interval
	8957642 chr11:62621207 62621193 62621179 62621165 62621151 62621137 BreastMcf7Rep1_cluster.2188; U30; - strand; Ticks on x-axis are at 14 nucleotides interval	151131878 chr11:62621207 62621193 62621179 62621165 62621151 62621137 BreastMcf7Rep2_cluster.2252; U30; - strand; Ticks on x-axis are at 14 nucleotides interval
	449483024 chr11:62621207 62621193 62621179 62621165 62621151 62621137 CervixHelas3Rep1_cluster.2663; U30; - strand; Ticks on x-axis are at 14 nucleotides interval	142282518 chr11:62621207 62621193 62621179 62621165 62621151 62621137 CervixHelas3Rep2_cluster.2660; U30; - strand; Ticks on x-axis are at 14 nucleotides interval
	10126837 chr11:62621207 62621193 62621179 62621165 62621151 62621137 EpitheliumA549Rep1_cluster.2227; U30; - strand; Ticks on x-axis are at 14 nucleotides interval	180711793 chr11:62621207 62621193 62621179 62621165 62621151 62621137 EpitheliumA549Rep2_cluster.1842; U30; - strand; Ticks on x-axis are at 14 nucleotides interval
	28175932 chr11:62621207 62621193 62621179 62621165 62621151 62621137 EscH1hescRep1_cluster.2043; U30; - strand; Ticks on x-axis are at 14 nucleotides interval	14727825 chr11:62621207 62621193 62621179 62621165 62621151 62621137 EscH1hescRep2_cluster.2359; U30; - strand; Ticks on x-axis are at 14 nucleotides interval
	9749254993 chr11:62621207 62621193 62621179 62621165 62621151 62621137 LiverHepg2Rep1_cluster.1041; U30; - strand; Ticks on x-axis are at 14 nucleotides interval	3582763998 chr11:62621207 62621193 62621179 62621165 62621151 62621137 LiverHepg2Rep2_cluster.1787; U30; - strand; Ticks on x-axis are at 14 nucleotides interval
	302391945 chr11:62621207 62621193 62621179 62621165 62621151 62621137 LungAg04450Rep1_cluster.2425; U30; - strand; Ticks on x-axis are at 14 nucleotides interval	164601031 chr11:62621207 62621193 62621179 62621165 62621151 62621137 LungAg04450Rep2_cluster.2642; U30; - strand; Ticks on x-axis are at 14 nucleotides interval
	339161133 chr11:62621207 62621193 62621179 62621165 62621151 62621137 SkinBjRep1_cluster.1093; U30; - strand; Ticks on x-axis are at 14 nucleotides interval	151252611 chr11:62621207 62621193 62621179 62621165 62621151 62621137 SkinBjRep2_cluster.1893; U30; - strand; Ticks on x-axis are at 14 nucleotides interval
Identifer	bgN_62621136_62621206_chr11.conservd	NA
Cluster score	0.17	NA
Clusters	2,2,2,2,2,2,2,2,2,2,2,2,1,1,2,2,2,2	NA
Overlap	NA	

	Replicate 1	Replicate 2
	429316 chr19:500009745000099150001008500010255000104250001059 BloodGm12878Rep1_cluster_7017; U35B; + strand; Ticks on x-axis are at 17 nucleotides interval 1460616 chr19:500009745000099150001008500010255000104250001059 BrainSknshraRep1_cluster_6374; U35B; + strand; Ticks on x-axis are at 17 nucleotides interval 31819 chr19:500009745000099150001008500010255000104250001059 BreastMcf7Rep1_cluster_5625; U35B; + strand; Ticks on x-axis are at 17 nucleotides interval 840121 chr19:500009745000099150001008500010255000104250001059 CervixHelas3Rep1_cluster_6656; U35B; + strand; Ticks on x-axis are at 17 nucleotides interval 82018 chr19:500009745000099150001008500010255000104250001059 EpitheliumA549Rep1_cluster_5717; U35B; + strand; Ticks on x-axis are at 17 nucleotides interval 75216 chr19:500009745000099150001008500010255000104250001059 EscH1hescRep1_cluster_5244; U35B; + strand; Ticks on x-axis are at 17 nucleotides interval 2943913 chr19:500009745000099150001008500010255000104250001059 LiverHepg2Rep1_cluster_2627; U35B; + strand; Ticks on x-axis are at 17 nucleotides interval 897112 chr19:500009745000099150001008500010255000104250001059 LungAg04450Rep1_cluster_6116; U35B; + strand; Ticks on x-axis are at 17 nucleotides interval 8894143 chr19:500009745000099150001008500010255000104250001059 SkinBjRep1_cluster_2751; U35B; + strand; Ticks on x-axis are at 17 nucleotides interval	291129 chr19:500009745000099150001008500010255000104250001059 BloodGm12878Rep2_cluster_8419; U35B; + strand; Ticks on x-axis are at 17 nucleotides interval 1731310 chr19:500009745000099150001008500010255000104250001059 BrainSknshraRep2_cluster_5609; U35B; + strand; Ticks on x-axis are at 17 nucleotides interval 547220 chr19:500009745000099150001008500010255000104250001059 BreastMcf7Rep2_cluster_5712; U35B; + strand; Ticks on x-axis are at 17 nucleotides interval 39524 chr19:500009745000099150001008500010255000104250001059 CervixHelas3Rep2_cluster_6709; U35B; + strand; Ticks on x-axis are at 17 nucleotides interval 78729 chr19:500009745000099150001008500010255000104250001059 EpitheliumA549Rep2_cluster_4645; U35B; + strand; Ticks on x-axis are at 17 nucleotides interval 47119 chr19:500009745000099150001008500010255000104250001059 EscH1hescRep2_cluster_6032; U35B; + strand; Ticks on x-axis are at 17 nucleotides interval 110239 chr19:500009745000099150001008500010255000104250001059 LiverHepg2Rep2_cluster_4496; U35B; + strand; Ticks on x-axis are at 17 nucleotides interval 74916 chr19:500009745000099150001008500010255000104250001059 LungAg04450Rep2_cluster_6701; U35B; + strand; Ticks on x-axis are at 17 nucleotides interval 467855 chr19:500009745000099150001008500010255000104250001059 SkinBjRep2_cluster_4724; U35B; + strand; Ticks on x-axis are at 17 nucleotides interval
Identifer	bgP_50000974_50001056_chr19.conserved	NA
Cluster score	0.17	NA
Clusters	3,3,2,2,3,3,2,2,2,2,2,2,1,1,2,2,0,0	NA
Overlap	NA	

	Replicate 1	Replicate 2
	7251376 chrX:109298574 109298587 109298600 109298613 109298626 109298639 BloodGm12878Rep1_cluster_15958; hsa-mir-652; + strand; Ticks on x-axis are at 13 nucleotides interval 13162159 chrX:109298574 109298587 109298600 109298613 109298626 109298639 BrainSknshraRep1_cluster_14655; hsa-mir-652; + strand; Ticks on x-axis are at 13 nucleotides interval 19282751 chrX:109298574 109298587 109298600 109298613 109298626 109298639 BreastMcf7Rep1_cluster_12904; hsa-mir-652; + strand; Ticks on x-axis are at 13 nucleotides interval 18093042 chrX:109298574 109298587 109298600 109298613 109298626 109298639 CervixHelas3Rep1_cluster_15401; hsa-mir-652; + strand; Ticks on x-axis are at 13 nucleotides interval 25775000 chrX:109298574 109298587 109298600 109298613 109298626 109298639 EpitheliumA549Rep1_cluster_12989; hsa-mir-652; + strand; Ticks on x-axis are at 13 nucleotides interval 178655 chrX:109298574 109298587 109298600 109298613 109298626 109298639 EscH1hescRep1_cluster_12261; hsa-mir-652; + strand; Ticks on x-axis are at 13 nucleotides interval 42875 chrX:109298574 109298587 109298600 109298613 109298626 109298639 LiverHepg2Rep1_cluster_5927; hsa-mir-652; + strand; Ticks on x-axis are at 13 nucleotides interval 609622 chrX:109298574 109298587 109298600 109298613 109298626 109298639 LungAg04450Rep1_cluster_13984; hsa-mir-652; + strand; Ticks on x-axis are at 13 nucleotides interval 64373 chrX:109298574 109298587 109298600 109298613 109298626 109298639 SkinBjRep1_cluster_6130; hsa-mir-652; + strand; Ticks on x-axis are at 13 nucleotides interval	8771578 chrX:109298574 109298587 109298600 109298613 109298626 109298639 BloodGm12878Rep2_cluster_19030; hsa-mir-652; + strand; Ticks on x-axis are at 13 nucleotides interval 7951529 chrX:109298574 109298587 109298600 109298613 109298626 109298639 BrainSknshraRep2_cluster_12897; hsa-mir-652; + strand; Ticks on x-axis are at 13 nucleotides interval 54237131 chrX:109298574 109298587 109298600 109298613 109298626 109298639 BreastMcf7Rep2_cluster_13142; hsa-mir-652; + strand; Ticks on x-axis are at 13 nucleotides interval 20542390 chrX:109298574 109298587 109298600 109298613 109298626 109298639 CervixHelas3Rep2_cluster_15464; hsa-mir-652; + strand; Ticks on x-axis are at 13 nucleotides interval 18423269 chrX:109298574 109298587 109298600 109298613 109298626 109298639 EpitheliumA549Rep2_cluster_10526; hsa-mir-652; + strand; Ticks on x-axis are at 13 nucleotides interval 154701 chrX:109298574 109298587 109298600 109298613 109298626 109298639 EscH1hescRep2_cluster_14184; hsa-mir-652; + strand; Ticks on x-axis are at 13 nucleotides interval 441003 chrX:109298574 109298587 109298600 109298613 109298626 109298639 LiverHepg2Rep2_cluster_10268; hsa-mir-652; + strand; Ticks on x-axis are at 13 nucleotides interval 7461176 chrX:109298574 109298587 109298600 109298613 109298626 109298639 LungAg04450Rep2_cluster_15286; hsa-mir-652; + strand; Ticks on x-axis are at 13 nucleotides interval 275986 chrX:109298574 109298587 109298600 109298613 109298626 109298639 SkinBjRep2_cluster_10848; hsa-mir-652; + strand; Ticks on x-axis are at 13 nucleotides interval
Identifer	bgP_109298574_109298640_chrX.conserved	NA
Cluster score	0.17	NA
Clusters	3,3,3,3,3,3,3,3,3,2,2,1,1,3,3,2,2	NA
Overlap	NA	

	Replicate 1	Replicate 2
	501 1 chr1:172316911723170317231715172317271723173917231751 BloodGm12878Rep1_cluster_83; n/a; + strand; Ticks on x-axis are at 12 nucleotides interval 3924 3 chr1:172316911723170317231715172317271723173917231751 BrainSknshraRep1_cluster_61; n/a; + strand; Ticks on x-axis are at 12 nucleotides interval 446 1 chr1:172316911723170317231715172317271723173917231751 BreastMcf7Rep1_cluster_56; n/a; + strand; Ticks on x-axis are at 12 nucleotides interval 6109 1 chr1:172316911723170317231715172317271723173917231751 CervixHelas3Rep1_cluster_68; n/a; + strand; Ticks on x-axis are at 12 nucleotides interval 613 1 chr1:172316911723170317231715172317271723173917231751 EpitheliumA549Rep1_cluster_59; n/a; + strand; Ticks on x-axis are at 12 nucleotides interval 447 1 chr1:172316911723170317231715172317271723173917231751 Esch1hescRep1_cluster_52; n/a; + strand; Ticks on x-axis are at 12 nucleotides interval 25 3 chr1:172316911723170317231715172317271723173917231751 LiverHepg2Rep1_cluster_37; n/a; + strand; Ticks on x-axis are at 12 nucleotides interval 6060 2 chr1:172316911723170317231715172317271723173917231751 LungAg04450Rep1_cluster_55; n/a; + strand; Ticks on x-axis are at 12 nucleotides interval 1345 1 chr1:172316911723170317231715172317271723173917231751 SkinBjRep1_cluster_34; n/a; + strand; Ticks on x-axis are at 12 nucleotides interval	535 1 chr1:172316911723170317231715172317271723173917231751 BloodGm12878Rep2_cluster_108; n/a; + strand; Ticks on x-axis are at 12 nucleotides interval 3283 1 chr1:172316911723170317231715172317271723173917231751 BrainSknshraRep2_cluster_54; n/a; + strand; Ticks on x-axis are at 12 nucleotides interval 903 1 chr1:172316911723170317231715172317271723173917231751 BreastMcf7Rep2_cluster_63; n/a; + strand; Ticks on x-axis are at 12 nucleotides interval 10267 2 chr1:172316911723170317231715172317271723173917231751 CervixHelas3Rep2_cluster_64; n/a; + strand; Ticks on x-axis are at 12 nucleotides interval 1413 2 chr1:172316911723170317231715172317271723173917231751 EpitheliumA549Rep2_cluster_46; n/a; + strand; Ticks on x-axis are at 12 nucleotides interval 383 1 chr1:172316911723170317231715172317271723173917231751 Esch1hescRep2_cluster_64; n/a; + strand; Ticks on x-axis are at 12 nucleotides interval 47 4 chr1:172316911723170317231715172317271723173917231751 LiverHepg2Rep2_cluster_60; n/a; + strand; Ticks on x-axis are at 12 nucleotides interval 4945 1 chr1:172316911723170317231715172317271723173917231751 LungAg04450Rep2_cluster_70; n/a; + strand; Ticks on x-axis are at 12 nucleotides interval 7069 1 chr1:172316911723170317231715172317271723173917231751 SkinBjRep2_cluster_44; n/a; + strand; Ticks on x-axis are at 12 nucleotides interval
Identifer	bgP_17231691_17231730_chr1.conserved	NA
Cluster score	0.17	NA
Clusters	2,2,0,0,2,2,3,3,2,2,2,2,1,1,3,3,0,0	NA
Overlap	NA	

	Replicate 1	Replicate 2
	111 34  chr9:35658017 35657968 35657919 35657870 35657821 35657772 BloodGm12878Rep1_cluster_15422; RNaseMRP_RNA; - strand; Ticks on x-axis are at 49 nucleotides interval 405 141  chr9:35658017 35657968 35657919 35657870 35657821 35657772 BrainSknshraRep1_cluster_14160; RNaseMRP_RNA; - strand; Ticks on x-axis are at 49 nucleotides interval 245 52  chr9:35658017 35657968 35657919 35657870 35657821 35657772 BreastMcf7Rep1_cluster_12457; RNaseMRP_RNA; - strand; Ticks on x-axis are at 49 nucleotides interval 198 114  chr9:35658017 35657968 35657919 35657870 35657821 35657772 CervixHela3Rep1_cluster_14867; RNaseMRP_RNA; - strand; Ticks on x-axis are at 49 nucleotides interval 479 98  chr9:35658017 35657968 35657919 35657870 35657821 35657772 EpitheliumA549Rep1_cluster_12555; RNaseMRP_RNA; - strand; Ticks on x-axis are at 49 nucleotides interval 74 303  chr9:35658017 35657968 35657919 35657870 35657821 35657772 EscH1hescRep1_cluster_11854; RNaseMRP_RNA; - strand; Ticks on x-axis are at 49 nucleotides interval 345 1779  chr9:35658017 35657968 35657919 35657870 35657821 35657772 LiverHepg2Rep1_cluster_5725; RNaseMRP_RNA; - strand; Ticks on x-axis are at 49 nucleotides interval 174 104  chr9:35658017 35657968 35657919 35657870 35657821 35657772 LungAg04450Rep1_cluster_13507; RNaseMRP_RNA; - strand; Ticks on x-axis are at 49 nucleotides interval 57 540  chr9:35658017 35657968 35657919 35657870 35657821 35657772 SkinBjRep1_cluster_5925; RNaseMRP_RNA; - strand; Ticks on x-axis are at 49 nucleotides interval	133 56  chr9:35658017 35657968 35657919 35657870 35657821 35657772 BloodGm12878Rep2_cluster_18400; RNaseMRP_RNA; - strand; Ticks on x-axis are at 49 nucleotides interval 372 116  chr9:35658017 35657968 35657919 35657870 35657821 35657772 BrainSknshraRep2_cluster_12448; RNaseMRP_RNA; - strand; Ticks on x-axis are at 49 nucleotides interval 292 82  chr9:35658017 35657968 35657919 35657870 35657821 35657772 BreastMcf7Rep2_cluster_12681; RNaseMRP_RNA; - strand; Ticks on x-axis are at 49 nucleotides interval 33 224  chr9:35658017 35657968 35657919 35657870 35657821 35657772 CervixHela3Rep2_cluster_14930; RNaseMRP_RNA; - strand; Ticks on x-axis are at 49 nucleotides interval 411 197  chr9:35658017 35657968 35657919 35657870 35657821 35657772 EpitheliumA549Rep2_cluster_10171; RNaseMRP_RNA; - strand; Ticks on x-axis are at 49 nucleotides interval 56 181  chr9:35658017 35657968 35657919 35657870 35657821 35657772 EscH1hescRep2_cluster_13724; RNaseMRP_RNA; - strand; Ticks on x-axis are at 49 nucleotides interval 384 896  chr9:35658017 35657968 35657919 35657870 35657821 35657772 LiverHepg2Rep2_cluster_9928; RNaseMRP_RNA; - strand; Ticks on x-axis are at 49 nucleotides interval 174 104  chr9:35658017 35657968 35657919 35657870 35657821 35657772 LungAg04450Rep2_cluster_14765; RNaseMRP_RNA; - strand; Ticks on x-axis are at 49 nucleotides interval 12 282  chr9:35658017 35657968 35657919 35657870 35657821 35657772 SkinBjRep2_cluster_10485; RNaseMRP_RNA; - strand; Ticks on x-axis are at 49 nucleotides interval
Identifer	bgN_35657773_35658017_chr9.conserved	NA
Cluster score	0.17	NA
Clusters	1,1,1,1,1,0,0,1,1,2,2,2,2,1,1,2,2	NA
Overlap	NA	

	Replicate 1	Replicate 2
	867631031 68 chr1:119682051196825711968309119683611196841311968465 BloodGm12878Rep1_cluster_61; U5E; + strand; Ticks on x-axis are at 52 nucleotides interval 9804743330 129 chr1:119682051196825711968309119683611196841311968465 BrainSknshraRep1_cluster_43; U5E; + strand; Ticks on x-axis are at 52 nucleotides interval 36913266 12 chr1:119682051196825711968309119683611196841311968465 BreastMcf7Rep1_cluster_38; U5E; + strand; Ticks on x-axis are at 52 nucleotides interval 28232527 236 chr1:119682051196825711968309119683611196841311968465 CervixHelas3Rep1_cluster_48; U5E; + strand; Ticks on x-axis are at 52 nucleotides interval 4421715529 11 chr1:119682051196825711968309119683611196841311968465 EpitheliumA549Rep1_cluster_41; U5E; + strand; Ticks on x-axis are at 52 nucleotides interval 6185841 15 chr1:119682051196825711968309119683611196841311968465 EscH1hescRep1_cluster_33; U5E; + strand; Ticks on x-axis are at 52 nucleotides interval 491271813 41 chr1:119682051196825711968309119683611196841311968465 LiverHepg2Rep1_cluster_26; U5E; + strand; Ticks on x-axis are at 52 nucleotides interval 1093331230 722 chr1:119682051196825711968309119683611196841311968465 LungAg04450Rep1_cluster_37; U5E; + strand; Ticks on x-axis are at 52 nucleotides interval 20292332 15 chr1:119682051196825711968309119683611196841311968465 SkinBjRep1_cluster_20; U5E; + strand; Ticks on x-axis are at 52 nucleotides interval	10465562048 210 chr1:119682051196825711968309119683611196841311968465 BloodGm12878Rep2_cluster_81; U5E; + strand; Ticks on x-axis are at 52 nucleotides interval 7452727415 426 chr1:119682051196825711968309119683611196841311968465 BrainSknshraRep2_cluster_38; U5E; + strand; Ticks on x-axis are at 52 nucleotides interval 779103514 14 chr1:119682051196825711968309119683611196841311968465 BreastMcf7Rep2_cluster_43; U5E; + strand; Ticks on x-axis are at 52 nucleotides interval 5191618 276 chr1:119682051196825711968309119683611196841311968465 CervixHelas3Rep2_cluster_50; U5E; + strand; Ticks on x-axis are at 52 nucleotides interval 444192428 32 chr1:119682051196825711968309119683611196841311968465 EpitheliumA549Rep2_cluster_30; U5E; + strand; Ticks on x-axis are at 52 nucleotides interval 1287941 111 chr1:119682051196825711968309119683611196841311968465 EscH1hescRep2_cluster_42; U5E; + strand; Ticks on x-axis are at 52 nucleotides interval 679472711 11 chr1:119682051196825711968309119683611196841311968465 LiverHepg2Rep2_cluster_45; U5E; + strand; Ticks on x-axis are at 52 nucleotides interval 11542633344 118 chr1:119682051196825711968309119683611196841311968465 LungAg04450Rep2_cluster_51; U5E; + strand; Ticks on x-axis are at 52 nucleotides interval 11202744 69 chr1:119682051196825711968309119683611196841311968465 SkinBjRep2_cluster_30; U5E; + strand; Ticks on x-axis are at 52 nucleotides interval
Identifer	bgP_11968205_11968289_chr1.conserved	NA
Cluster score	0.17	NA
Clusters	0,0,2,2,0,0,0,2,2,0,0,2,2,2,1,1	NA
Overlap	NA	

36913266

12

chr1:119682051196825711968309119683611196841311968465

BreastMcf7Rep1_cluster_38; U5E; + strand;
Ticks on x-axis are at 52 nucleotides interval

28232527

236

chr1:119682051196825711968309119683611196841311968465

CervixHelas3Rep1_cluster_48; U5E; + strand;
Ticks on x-axis are at 52 nucleotides interval

4421715529

11

chr1:119682051196825711968309119683611196841311968465

EpitheliumA549Rep1_cluster_41; U5E; + strand;
Ticks on x-axis are at 52 nucleotides interval

6185841

15

chr1:119682051196825711968309119683611196841311968465

EscH1hescRep1_cluster_33; U5E; + strand;
Ticks on x-axis are at 52 nucleotides interval

491271813

41

chr1:119682051196825711968309119683611196841311968465

LiverHepg2Rep1_cluster_26; U5E; + strand;
Ticks on x-axis are at 52 nucleotides interval

10933331230

722

chr1:119682051196825711968309119683611196841311968465

LungAg04450Rep1_cluster_37; U5E; + strand;
Ticks on x-axis are at 52 nucleotides interval

20292332

15

chr1:119682051196825711968309119683611196841311968465

SkinBjRep1_cluster_20; U5E; + strand;
Ticks on x-axis are at 52 nucleotides interval

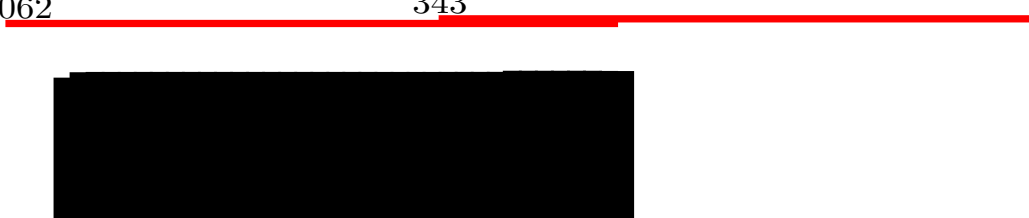
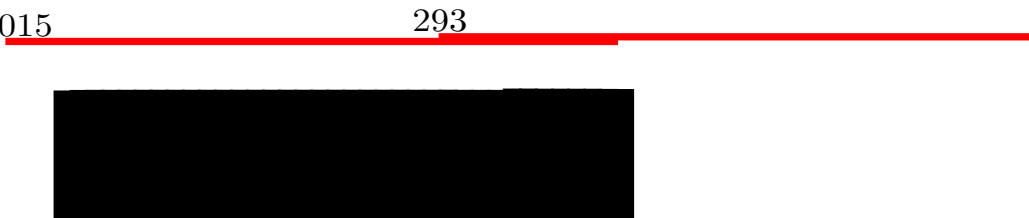
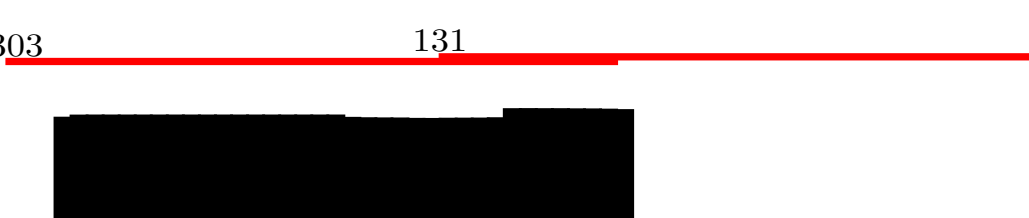
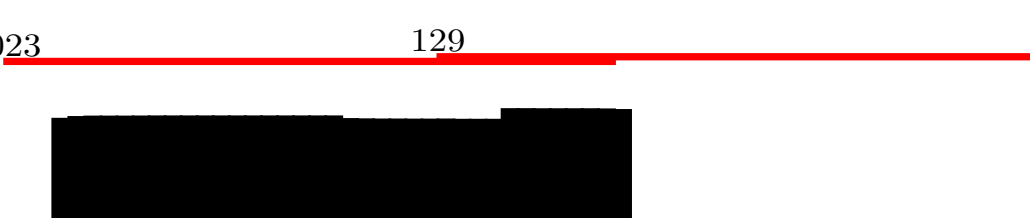
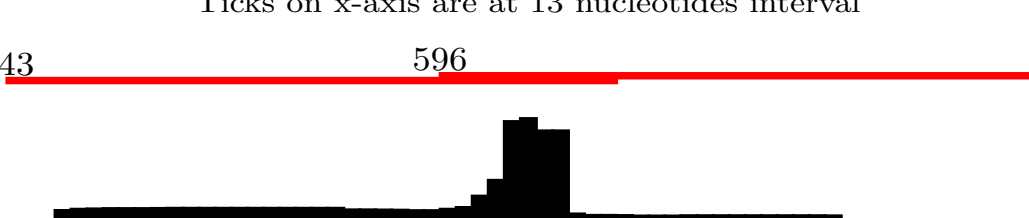
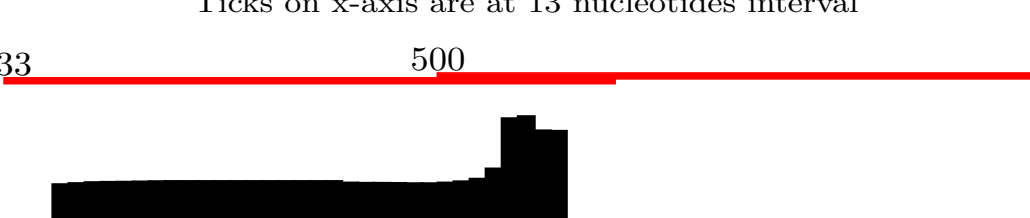
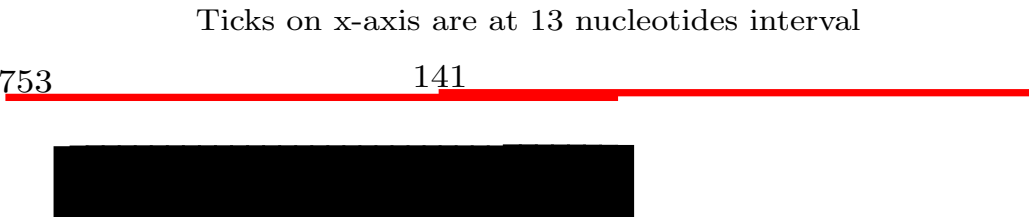
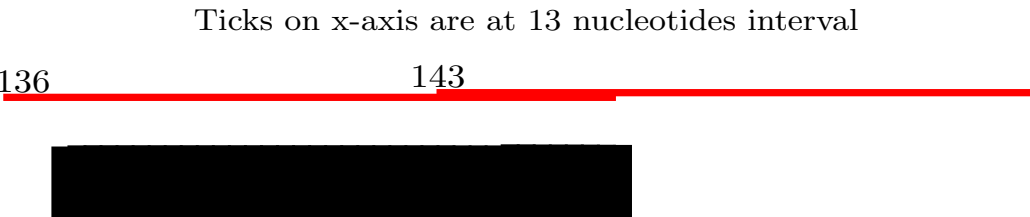
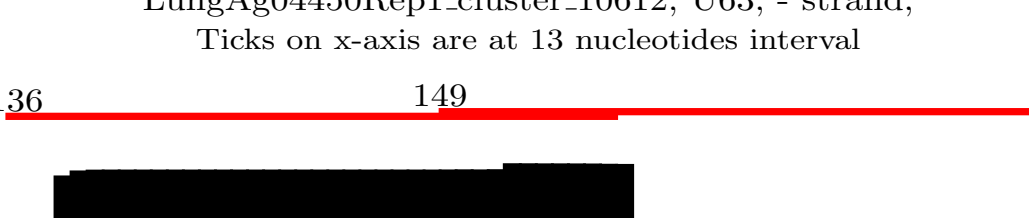
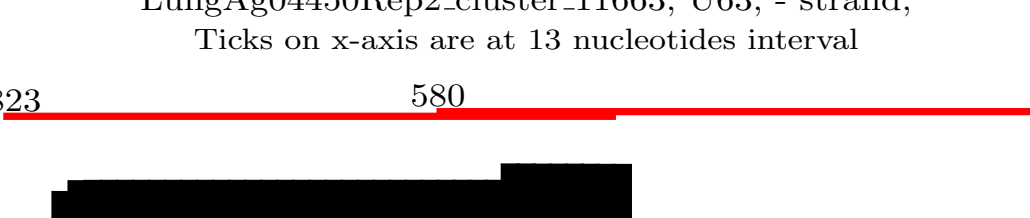
	Replicate 1	Replicate 2
	240810 chr9:139620705139620675139620645139620615139620585139620555 BloodGm12878Rep1_cluster_15658; ACA43; - strand; Ticks on x-axis are at 30 nucleotides interval 974776356 chr9:139620705139620675139620645139620615139620585139620555 BrainSknshraRep1_cluster_14377; ACA43; - strand; Ticks on x-axis are at 30 nucleotides interval 12351529 chr9:139620705139620675139620645139620615139620585139620555 BreastMcf7Rep1_cluster_12669; ACA43; - strand; Ticks on x-axis are at 30 nucleotides interval 1528949299 chr9:139620705139620675139620645139620615139620585139620555 CervixHelas3Rep1_cluster_15102; ACA43; - strand; Ticks on x-axis are at 30 nucleotides interval 102182653 chr9:139620705139620675139620645139620615139620585139620555 EpitheliumA549Rep1_cluster_12740; ACA43; - strand; Ticks on x-axis are at 30 nucleotides interval 1713526 chr9:139620705139620675139620645139620615139620585139620555 EscH1hescRep1_cluster_12031; ACA43; - strand; Ticks on x-axis are at 30 nucleotides interval 6401615 chr9:139620705139620675139620645139620615139620585139620555 LiverHepg2Rep1_cluster_5796; ACA43; - strand; Ticks on x-axis are at 30 nucleotides interval 113794664 chr9:139620705139620675139620645139620615139620585139620555 LungAg04450Rep1_cluster_13703; ACA43; - strand; Ticks on x-axis are at 30 nucleotides interval 311526040568 chr9:139620705139620675139620645139620615139620585139620555 SkinBjRep1_cluster_6004; ACA43; - strand; Ticks on x-axis are at 30 nucleotides interval	4501216 chr9:139620705139620675139620645139620615139620585139620555 BloodGm12878Rep2_cluster_18687; ACA43; - strand; Ticks on x-axis are at 30 nucleotides interval 1796246362 chr9:139620705139620675139620645139620615139620585139620555 BrainSknshraRep2_cluster_12642; ACA43; - strand; Ticks on x-axis are at 30 nucleotides interval 3151982 chr9:139620705139620675139620645139620615139620585139620555 BreastMcf7Rep2_cluster_12913; ACA43; - strand; Ticks on x-axis are at 30 nucleotides interval 395120 chr9:139620705139620675139620645139620615139620585139620555 CervixHelas3Rep2_cluster_15163; ACA43; - strand; Ticks on x-axis are at 30 nucleotides interval 82602884 chr9:139620705139620675139620645139620615139620585139620555 EpitheliumA549Rep2_cluster_10329; ACA43; - strand; Ticks on x-axis are at 30 nucleotides interval 117218 chr9:139620705139620675139620645139620615139620585139620555 EscH1hescRep2_cluster_13927; ACA43; - strand; Ticks on x-axis are at 30 nucleotides interval 1581515 chr9:139620705139620675139620645139620615139620585139620555 LiverHepg2Rep2_cluster_10084; ACA43; - strand; Ticks on x-axis are at 30 nucleotides interval 94254350 chr9:139620705139620675139620645139620615139620585139620555 LungAg04450Rep2_cluster_14983; ACA43; - strand; Ticks on x-axis are at 30 nucleotides interval 1930748102 chr9:139620705139620675139620645139620615139620585139620555 SkinBjRep2_cluster_10643; ACA43; - strand; Ticks on x-axis are at 30 nucleotides interval
Identifer	bgN_139620556_139620705_chr9.conserved	NA
Cluster score	0.17	NA
Clusters	2,2,1,1,0,0,0,2,2,3,3,0,0,2,2,0,0	NA
Overlap	NA	

	Replicate 1	Replicate 2
	60324415 chr2:122288453122288480122288507122288534122288561122288588 BloodGm12878Rep1_cluster_7661; U4atac; + strand; Ticks on x-axis are at 27 nucleotides interval 1069746 chr2:122288453122288480122288507122288534122288561122288588 BrainSknshraRep1_cluster_6927; U4atac; + strand; Ticks on x-axis are at 27 nucleotides interval 253018 chr2:122288453122288480122288507122288534122288561122288588 BreastMcf7Rep1_cluster_6106; U4atac; + strand; Ticks on x-axis are at 27 nucleotides interval 6547125 chr2:122288453122288480122288507122288534122288561122288588 CervixHelas3Rep1_cluster_7260; U4atac; + strand; Ticks on x-axis are at 27 nucleotides interval 2527437 chr2:122288453122288480122288507122288534122288561122288588 EpitheliumA549Rep1_cluster_6247; U4atac; + strand; Ticks on x-axis are at 27 nucleotides interval 9862083 chr2:122288453122288480122288507122288534122288561122288588 EscH1hescRep1_cluster_5749; U4atac; + strand; Ticks on x-axis are at 27 nucleotides interval 38711727135 chr2:122288453122288480122288507122288534122288561122288588 LiverHepg2Rep1_cluster_2830; U4atac; + strand; Ticks on x-axis are at 27 nucleotides interval 6571511 chr2:122288453122288480122288507122288534122288561122288588 LungAg04450Rep1_cluster_6631; U4atac; + strand; Ticks on x-axis are at 27 nucleotides interval 15016321 chr2:122288453122288480122288507122288534122288561122288588 SkinBjRep1_cluster_2966; U4atac; + strand; Ticks on x-axis are at 27 nucleotides interval	35245611 chr2:122288453122288480122288507122288534122288561122288588 BloodGm12878Rep2_cluster_9199; U4atac; + strand; Ticks on x-axis are at 27 nucleotides interval 10361110 chr2:122288453122288480122288507122288534122288561122288588 BrainSknshraRep2_cluster_6093; U4atac; + strand; Ticks on x-axis are at 27 nucleotides interval 3749312 chr2:122288453122288480122288507122288534122288561122288588 BreastMcf7Rep2_cluster_6215; U4atac; + strand; Ticks on x-axis are at 27 nucleotides interval 234116 chr2:122288453122288480122288507122288534122288561122288588 CervixHelas3Rep2_cluster_7265; U4atac; + strand; Ticks on x-axis are at 27 nucleotides interval 3814944 chr2:122288453122288480122288507122288534122288561122288588 EpitheliumA549Rep2_cluster_5062; U4atac; + strand; Ticks on x-axis are at 27 nucleotides interval 5172253 chr2:122288453122288480122288507122288534122288561122288588 EscH1hescRep2_cluster_6624; U4atac; + strand; Ticks on x-axis are at 27 nucleotides interval 244663092 chr2:122288453122288480122288507122288534122288561122288588 LiverHepg2Rep2_cluster_4876; U4atac; + strand; Ticks on x-axis are at 27 nucleotides interval 6511213 chr2:122288453122288480122288507122288534122288561122288588 LungAg04450Rep2_cluster_7284; U4atac; + strand; Ticks on x-axis are at 27 nucleotides interval 6113423 chr2:122288453122288480122288507122288534122288561122288588 SkinBjRep2_cluster_5123; U4atac; + strand; Ticks on x-axis are at 27 nucleotides interval
Identifer	bgP_122288453_122288586_chr2.conserved	NA
Cluster score	0.17	NA
Clusters	0,0,2,2,2,0,0,0,0,3,3,1,1,0,0,0,0	NA
Overlap	NA	

	Replicate 1 451 10414 403 chr15:89878293 89878315 89878337 89878359 89878381 89878403 BloodGm12878Rep1_cluster_4904; chr15_Arg_TCG; + strand; Ticks on x-axis are at 22 nucleotides interval 662 5315 828 chr15:89878293 89878315 89878337 89878359 89878381 89878403 BrainSknshraRep1_cluster_4532; chr15_Arg_TCG; + strand; Ticks on x-axis are at 22 nucleotides interval 37 865 117 chr15:89878293 89878315 89878337 89878359 89878381 89878403 BreastMcf7Rep1_cluster_4015; chr15_Arg_TCG; + strand; Ticks on x-axis are at 22 nucleotides interval 172 3536 3965 chr15:89878293 89878315 89878337 89878359 89878381 89878403 CervixHelas3Rep1_cluster_4778; chr15_Arg_TCG; + strand; Ticks on x-axis are at 22 nucleotides interval 439 10465 137 chr15:89878293 89878315 89878337 89878359 89878381 89878403 EpitheliumA549Rep1_cluster_4070; chr15_Arg_TCG; + strand; Ticks on x-axis are at 22 nucleotides interval 13 816 113 chr15:89878293 89878315 89878337 89878359 89878381 89878403 EscH1hescRep1_cluster_3730; chr15_Arg_TCG; + strand; Ticks on x-axis are at 22 nucleotides interval 5 9088 103 chr15:89878293 89878315 89878337 89878359 89878381 89878403 LiverHepg2Rep1_cluster_1848; chr15_Arg_TCG; + strand; Ticks on x-axis are at 22 nucleotides interval 560 2230 991 chr15:89878293 89878315 89878337 89878359 89878381 89878403 LungAg04450Rep1_cluster_4444; chr15_Arg_TCG; + strand; Ticks on x-axis are at 22 nucleotides interval 26 2021 282 chr15:89878293 89878315 89878337 89878359 89878381 89878403 SkinBjRep1_cluster_1997; chr15_Arg_TCG; + strand; Ticks on x-axis are at 22 nucleotides interval <td> Replicate 2 579 18293 419 chr15:89878293 89878315 89878337 89878359 89878381 89878403 BloodGm12878Rep2_cluster_5802; chr15_Arg_TCG; + strand; Ticks on x-axis are at 22 nucleotides interval 734 2786 602 chr15:89878293 89878315 89878337 89878359 89878381 89878403 BrainSknshraRep2_cluster_3987; chr15_Arg_TCG; + strand; Ticks on x-axis are at 22 nucleotides interval 124 2315 236 chr15:89878293 89878315 89878337 89878359 89878381 89878403 BreastMcf7Rep2_cluster_3999; chr15_Arg_TCG; + strand; Ticks on x-axis are at 22 nucleotides interval 44 10928 2937 chr15:89878293 89878315 89878337 89878359 89878381 89878403 CervixHelas3Rep2_cluster_4801; chr15_Arg_TCG; + strand; Ticks on x-axis are at 22 nucleotides interval 252 2397 144 chr15:89878293 89878315 89878337 89878359 89878381 89878403 EpitheliumA549Rep2_cluster_3279; chr15_Arg_TCG; + strand; Ticks on x-axis are at 22 nucleotides interval 7 1104 107 chr15:89878293 89878315 89878337 89878359 89878381 89878403 EscH1hescRep2_cluster_4298; chr15_Arg_TCG; + strand; Ticks on x-axis are at 22 nucleotides interval 28 16934 199 chr15:89878293 89878315 89878337 89878359 89878381 89878403 LiverHepg2Rep2_cluster_3176; chr15_Arg_TCG; + strand; Ticks on x-axis are at 22 nucleotides interval 493 4588 732 chr15:89878293 89878315 89878337 89878359 89878381 89878403 LungAg04450Rep2_cluster_4816; chr15_Arg_TCG; + strand; Ticks on x-axis are at 22 nucleotides interval 16 2266 393 chr15:89878293 89878315 89878337 89878359 89878381 89878403 SkinBjRep2_cluster_3447; chr15_Arg_TCG; + strand; Ticks on x-axis are at 22 nucleotides interval </td>	Replicate 2 579 18293 419 chr15:89878293 89878315 89878337 89878359 89878381 89878403 BloodGm12878Rep2_cluster_5802; chr15_Arg_TCG; + strand; Ticks on x-axis are at 22 nucleotides interval 734 2786 602 chr15:89878293 89878315 89878337 89878359 89878381 89878403 BrainSknshraRep2_cluster_3987; chr15_Arg_TCG; + strand; Ticks on x-axis are at 22 nucleotides interval 124 2315 236 chr15:89878293 89878315 89878337 89878359 89878381 89878403 BreastMcf7Rep2_cluster_3999; chr15_Arg_TCG; + strand; Ticks on x-axis are at 22 nucleotides interval 44 10928 2937 chr15:89878293 89878315 89878337 89878359 89878381 89878403 CervixHelas3Rep2_cluster_4801; chr15_Arg_TCG; + strand; Ticks on x-axis are at 22 nucleotides interval 252 2397 144 chr15:89878293 89878315 89878337 89878359 89878381 89878403 EpitheliumA549Rep2_cluster_3279; chr15_Arg_TCG; + strand; Ticks on x-axis are at 22 nucleotides interval 7 1104 107 chr15:89878293 89878315 89878337 89878359 89878381 89878403 EscH1hescRep2_cluster_4298; chr15_Arg_TCG; + strand; Ticks on x-axis are at 22 nucleotides interval 28 16934 199 chr15:89878293 89878315 89878337 89878359 89878381 89878403 LiverHepg2Rep2_cluster_3176; chr15_Arg_TCG; + strand; Ticks on x-axis are at 22 nucleotides interval 493 4588 732 chr15:89878293 89878315 89878337 89878359 89878381 89878403 LungAg04450Rep2_cluster_4816; chr15_Arg_TCG; + strand; Ticks on x-axis are at 22 nucleotides interval 16 2266 393 chr15:89878293 89878315 89878337 89878359 89878381 89878403 SkinBjRep2_cluster_3447; chr15_Arg_TCG; + strand; Ticks on x-axis are at 22 nucleotides interval
Identifer	bgP_89878293_89878401_chr15.conservd	NA
Cluster score	0.17	NA
Clusters	3,3,2,2,2,2,2,0,0,2,2,1,1,2,2,2,2	NA
Overlap	NA	

	Replicate 1	Replicate 2
	1140 chr8:985778579857787298577887985779029857791798577932 BloodGm12878Rep1_cluster_14497; 28S_rRNA-related; + strand; Ticks on x-axis are at 15 nucleotides interval 5304 chr8:985778579857787298577887985779029857791798577932 BrainSknshraRep1_cluster_13322; 28S_rRNA-related; + strand; Ticks on x-axis are at 15 nucleotides interval 172 chr8:985778579857787298577887985779029857791798577932 BreastMcf7Rep1_cluster_11713; 28S_rRNA-related; + strand; Ticks on x-axis are at 15 nucleotides interval 3230 chr8:985778579857787298577887985779029857791798577932 CervixHelas3Rep1_cluster_13975; 28S_rRNA-related; + strand; Ticks on x-axis are at 15 nucleotides interval 2173 chr8:985778579857787298577887985779029857791798577932 EpitheliumA549Rep1_cluster_11811; 28S_rRNA-related; + strand; Ticks on x-axis are at 15 nucleotides interval 174 chr8:985778579857787298577887985779029857791798577932 EscH1hescRep1_cluster_11138; 28S_rRNA-related; + strand; Ticks on x-axis are at 15 nucleotides interval 18104 chr8:985778579857787298577887985779029857791798577932 LiverHepg2Rep1_cluster_5380; 28S_rRNA-related; + strand; Ticks on x-axis are at 15 nucleotides interval 5299 chr8:985778579857787298577887985779029857791798577932 LungAg04450Rep1_cluster_12687; 28S_rRNA-related; + strand; Ticks on x-axis are at 15 nucleotides interval 18670 chr8:985778579857787298577887985779029857791798577932 SkinBjRep1_cluster_5577; 28S_rRNA-related; + strand; Ticks on x-axis are at 15 nucleotides interval	2206 chr8:985778579857787298577887985779029857791798577932 BloodGm12878Rep2_cluster_17302; 28S_rRNA-related; + strand; Ticks on x-axis are at 15 nucleotides interval 3260 chr8:985778579857787298577887985779029857791798577932 BrainSknshraRep2_cluster_11702; 28S_rRNA-related; + strand; Ticks on x-axis are at 15 nucleotides interval 4169 chr8:985778579857787298577887985779029857791798577932 BreastMcf7Rep2_cluster_11880; 28S_rRNA-related; + strand; Ticks on x-axis are at 15 nucleotides interval 1245 chr8:985778579857787298577887985779029857791798577932 CervixHelas3Rep2_cluster_13985; 28S_rRNA-related; + strand; Ticks on x-axis are at 15 nucleotides interval 2313 chr8:985778579857787298577887985779029857791798577932 EpitheliumA549Rep2_cluster_9552; 28S_rRNA-related; + strand; Ticks on x-axis are at 15 nucleotides interval 158 chr8:985778579857787298577887985779029857791798577932 EscH1hescRep2_cluster_12893; 28S_rRNA-related; + strand; Ticks on x-axis are at 15 nucleotides interval 270400 chr8:985778579857787298577887985779029857791798577932 LiverHepg2Rep2_cluster_9295; 28S_rRNA-related; + strand; Ticks on x-axis are at 15 nucleotides interval 3257 chr8:985778579857787298577887985779029857791798577932 LungAg04450Rep2_cluster_13868; 28S_rRNA-related; + strand; Ticks on x-axis are at 15 nucleotides interval 6426 chr8:985778579857787298577887985779029857791798577932 SkinBjRep2_cluster_9854; 28S_rRNA-related; + strand; Ticks on x-axis are at 15 nucleotides interval
Identifer	bgP_98577857_98577933_chr8.conserved	NA
Cluster score	0.16	NA
Clusters	1,1,1,1,1,1,1,1,1,1,1,2,2,1,1,1	NA
Overlap	NA	

	Replicate 1	Replicate 2
	1143018325 chr19:472472247247064724690472467447246584724642 BloodGm12878Rep1_cluster.7105; chr19_Val_CAC; - strand; Ticks on x-axis are at 16 nucleotides interval 13905559 chr19:472472247247064724690472467447246584724642 BrainSknshraRep1_cluster.6430; chr19_Val_CAC; - strand; Ticks on x-axis are at 16 nucleotides interval 257818 chr19:472472247247064724690472467447246584724642 BreastMcf7Rep1_cluster.5684; chr19_Val_CAC; - strand; Ticks on x-axis are at 16 nucleotides interval 188094213 chr19:472472247247064724690472467447246584724642 CervixHelas3Rep1_cluster.6726; chr19_Val_CAC; - strand; Ticks on x-axis are at 16 nucleotides interval 10673793 chr19:472472247247064724690472467447246584724642 EpitheliumA549Rep1_cluster.5803; chr19_Val_CAC; - strand; Ticks on x-axis are at 16 nucleotides interval 6820764 chr19:472472247247064724690472467447246584724642 EscH1hescRep1_cluster.5338; chr19_Val_CAC; - strand; Ticks on x-axis are at 16 nucleotides interval 215620516 chr19:472472247247064724690472467447246584724642 LiverHepg2Rep1_cluster.2654; chr19_Val_CAC; - strand; Ticks on x-axis are at 16 nucleotides interval 28179470 chr19:472472247247064724690472467447246584724642 LungAg04450Rep1_cluster.6170; chr19_Val_CAC; - strand; Ticks on x-axis are at 16 nucleotides interval 6569331 chr19:472472247247064724690472467447246584724642 SkinBjRep1_cluster.2774; chr19_Val_CAC; - strand; Ticks on x-axis are at 16 nucleotides interval	1437630586 chr19:472472247247064724690472467447246584724642 BloodGm12878Rep2_cluster.8525; chr19_Val_CAC; - strand; Ticks on x-axis are at 16 nucleotides interval 10756648 chr19:472472247247064724690472467447246584724642 BrainSknshraRep2_cluster.5664; chr19_Val_CAC; - strand; Ticks on x-axis are at 16 nucleotides interval 5559124 chr19:472472247247064724690472467447246584724642 BreastMcf7Rep2_cluster.5782; chr19_Val_CAC; - strand; Ticks on x-axis are at 16 nucleotides interval 1392917131 chr19:472472247247064724690472467447246584724642 CervixHelas3Rep2_cluster.6764; chr19_Val_CAC; - strand; Ticks on x-axis are at 16 nucleotides interval 8898329 chr19:472472247247064724690472467447246584724642 EpitheliumA549Rep2_cluster.4708; chr19_Val_CAC; - strand; Ticks on x-axis are at 16 nucleotides interval 5605699 chr19:472472247247064724690472467447246584724642 EscH1hescRep2_cluster.6139; chr19_Val_CAC; - strand; Ticks on x-axis are at 16 nucleotides interval 377740845 chr19:472472247247064724690472467447246584724642 LiverHepg2Rep2_cluster.4543; chr19_Val_CAC; - strand; Ticks on x-axis are at 16 nucleotides interval 296115179 chr19:472472247247064724690472467447246584724642 LungAg04450Rep2_cluster.6774; chr19_Val_CAC; - strand; Ticks on x-axis are at 16 nucleotides interval 6650586 chr19:472472247247064724690472467447246584724642 SkinBjRep2_cluster.4759; chr19_Val_CAC; - strand; Ticks on x-axis are at 16 nucleotides interval
Identifer	bgN_4724645_4724722_chr19.conserved	NA
Cluster score	0.16	NA
Clusters	2,2,3,3,3,3,0,0,0,0,2,2,1,1,3,3,0,0	NA
Overlap	NA	

	Replicate 1	Replicate 2
	124094150  chr5:137896802137896789137896776137896763137896750137896737 BloodGm12878Rep1_cluster_12214; U63; - strand; Ticks on x-axis are at 13 nucleotides interval	40008171  chr5:137896802137896789137896776137896763137896750137896737 BloodGm12878Rep2_cluster_14574; U63; - strand; Ticks on x-axis are at 13 nucleotides interval
	33556251  chr5:137896802137896789137896776137896763137896750137896737 BrainSknshraRep1_cluster_11139; U63; - strand; Ticks on x-axis are at 13 nucleotides interval	23644310  chr5:137896802137896789137896776137896763137896750137896737 BrainSknshraRep2_cluster_9796; U63; - strand; Ticks on x-axis are at 13 nucleotides interval
	1235484  chr5:137896802137896789137896776137896763137896750137896737 BreastMcf7Rep1_cluster_9895; U63; - strand; Ticks on x-axis are at 13 nucleotides interval	17609213  chr5:137896802137896789137896776137896763137896750137896737 BreastMcf7Rep2_cluster_9984; U63; - strand; Ticks on x-axis are at 13 nucleotides interval
	51062343  chr5:137896802137896789137896776137896763137896750137896737 CervixHelas3Rep1_cluster_11740; U63; - strand; Ticks on x-axis are at 13 nucleotides interval	2650327  chr5:137896802137896789137896776137896763137896750137896737 CervixHelas3Rep2_cluster_11727; U63; - strand; Ticks on x-axis are at 13 nucleotides interval
	37015293  chr5:137896802137896789137896776137896763137896750137896737 EpitheliumA549Rep1_cluster_9931; U63; - strand; Ticks on x-axis are at 13 nucleotides interval	40822271  chr5:137896802137896789137896776137896763137896750137896737 EpitheliumA549Rep2_cluster_8000; U63; - strand; Ticks on x-axis are at 13 nucleotides interval
	2303131  chr5:137896802137896789137896776137896763137896750137896737 EscH1hescRep1_cluster_9223; U63; - strand; Ticks on x-axis are at 13 nucleotides interval	2023129  chr5:137896802137896789137896776137896763137896750137896737 EscH1hescRep2_cluster_10732; U63; - strand; Ticks on x-axis are at 13 nucleotides interval
	643596  chr5:137896802137896789137896776137896763137896750137896737 LiverHepg2Rep1_cluster_4406; U63; - strand; Ticks on x-axis are at 13 nucleotides interval	933500  chr5:137896802137896789137896776137896763137896750137896737 LiverHepg2Rep2_cluster_7759; U63; - strand; Ticks on x-axis are at 13 nucleotides interval
	22753141  chr5:137896802137896789137896776137896763137896750137896737 LungAg04450Rep1_cluster_10612; U63; - strand; Ticks on x-axis are at 13 nucleotides interval	23136143  chr5:137896802137896789137896776137896763137896750137896737 LungAg04450Rep2_cluster_11663; U63; - strand; Ticks on x-axis are at 13 nucleotides interval
	4136149  chr5:137896802137896789137896776137896763137896750137896737 SkinBjRep1_cluster_4642; U63; - strand; Ticks on x-axis are at 13 nucleotides interval	5823580  chr5:137896802137896789137896776137896763137896750137896737 SkinBjRep2_cluster_8252; U63; - strand; Ticks on x-axis are at 13 nucleotides interval
Identifer	bgN_137896738_137896800_chr5.conserved	NA
Cluster score	0.16	NA
Clusters	2,2,2,2,2,0,0,2,2,3,3,1,1,2,2,3,3	NA
Overlap	NA	

	Replicate 1	Replicate 2
	3924 chr1:452415344524154845241562452415764524159045241604 BloodGm12878Rep1_cluster_177; U55; + strand; Ticks on x-axis are at 14 nucleotides interval 7237 chr1:452415344524154845241562452415764524159045241604 BrainSknsbraRep1_cluster_144; U55; + strand; Ticks on x-axis are at 14 nucleotides interval 2617 chr1:452415344524154845241562452415764524159045241604 BreastMcf7Rep1_cluster_122; U55; + strand; Ticks on x-axis are at 14 nucleotides interval 8039 chr1:452415344524154845241562452415764524159045241604 CervixHelas3Rep1_cluster_146; U55; + strand; Ticks on x-axis are at 14 nucleotides interval 3732 chr1:452415344524154845241562452415764524159045241604 EpitheliumA549Rep1_cluster_130; U55; + strand; Ticks on x-axis are at 14 nucleotides interval 130714 chr1:452415344524154845241562452415764524159045241604 EscH1hescRep1_cluster_126; U55; + strand; Ticks on x-axis are at 14 nucleotides interval 505 chr1:452415344524154845241562452415764524159045241604 LiverHepg2Rep1_cluster_75; U55; + strand; Ticks on x-axis are at 14 nucleotides interval 10031 chr1:452415344524154845241562452415764524159045241604 LungAg04450Rep1_cluster_128; U55; + strand; Ticks on x-axis are at 14 nucleotides interval 228013 chr1:452415344524154845241562452415764524159045241604 SkinBjRep1_cluster_72; U55; + strand; Ticks on x-axis are at 14 nucleotides interval	4845 chr1:452415344524154845241562452415764524159045241604 BloodGm12878Rep2_cluster_228; U55; + strand; Ticks on x-axis are at 14 nucleotides interval 12340 chr1:452415344524154845241562452415764524159045241604 BrainSknsbraRep2_cluster_120; U55; + strand; Ticks on x-axis are at 14 nucleotides interval 6643 chr1:452415344524154845241562452415764524159045241604 BreastMcf7Rep2_cluster_140; U55; + strand; Ticks on x-axis are at 14 nucleotides interval 10614 chr1:452415344524154845241562452415764524159045241604 CervixHelas3Rep2_cluster_147; U55; + strand; Ticks on x-axis are at 14 nucleotides interval 7618 chr1:452415344524154845241562452415764524159045241604 EpitheliumA549Rep2_cluster_103; U55; + strand; Ticks on x-axis are at 14 nucleotides interval 59410 chr1:452415344524154845241562452415764524159045241604 EscH1hescRep2_cluster_146; U55; + strand; Ticks on x-axis are at 14 nucleotides interval 307 chr1:452415344524154845241562452415764524159045241604 LiverHepg2Rep2_cluster_118; U55; + strand; Ticks on x-axis are at 14 nucleotides interval 7726 chr1:452415344524154845241562452415764524159045241604 LungAg04450Rep2_cluster_156; U55; + strand; Ticks on x-axis are at 14 nucleotides interval 65218 chr1:452415344524154845241562452415764524159045241604 SkinBjRep2_cluster_108; U55; + strand; Ticks on x-axis are at 14 nucleotides interval
Identifer	bgP_45241534_45241575_chr1.conserved	NA
Cluster score	0.16	NA
Clusters	0,0,0,0,0,0,0,0,0,2,2,0,0,1,1,2,2	NA
Overlap	NA	

	Replicate 1	Replicate 2
	345295728 chr11:870577187057988705825870585287058798705906 BloodGm12878Rep1_cluster_2188; ACA3; + strand; Ticks on x-axis are at 27 nucleotides interval 343296220 chr11:870577187057988705825870585287058798705906 BrainSknshraRep1_cluster_2006; ACA3; + strand; Ticks on x-axis are at 27 nucleotides interval 4266710 chr11:870577187057988705825870585287058798705906 BreastMcf7Rep1_cluster_1757; ACA3; + strand; Ticks on x-axis are at 27 nucleotides interval 2161182745117 chr11:870577187057988705825870585287058798705906 CervixHelas3Rep1_cluster_2127; ACA3; + strand; Ticks on x-axis are at 27 nucleotides interval 151764143 chr11:870577187057988705825870585287058798705906 EpitheliumA549Rep1_cluster_1785; ACA3; + strand; Ticks on x-axis are at 27 nucleotides interval 1757814638 chr11:870577187057988705825870585287058798705906 EscH1hescRep1_cluster_1645; ACA3; + strand; Ticks on x-axis are at 27 nucleotides interval 150925678174 chr11:870577187057988705825870585287058798705906 LiverHepg2Rep1_cluster_841; ACA3; + strand; Ticks on x-axis are at 27 nucleotides interval 280965125 chr11:870577187057988705825870585287058798705906 LungAg04450Rep1_cluster_1948; ACA3; + strand; Ticks on x-axis are at 27 nucleotides interval 4074352995156 chr11:870577187057988705825870585287058798705906 SkinBjRep1_cluster_881; ACA3; + strand; Ticks on x-axis are at 27 nucleotides interval	495277640 chr11:870577187057988705825870585287058798705906 BloodGm12878Rep2_cluster_2624; ACA3; + strand; Ticks on x-axis are at 27 nucleotides interval 4516111323 chr11:870577187057988705825870585287058798705906 BrainSknshraRep2_cluster_1788; ACA3; + strand; Ticks on x-axis are at 27 nucleotides interval 6332118 chr11:870577187057988705825870585287058798705906 BreastMcf7Rep2_cluster_1806; ACA3; + strand; Ticks on x-axis are at 27 nucleotides interval 10513846181 chr11:870577187057988705825870585287058798705906 CervixHelas3Rep2_cluster_2136; ACA3; + strand; Ticks on x-axis are at 27 nucleotides interval 2206103134 chr11:870577187057988705825870585287058798705906 EpitheliumA549Rep2_cluster_1488; ACA3; + strand; Ticks on x-axis are at 27 nucleotides interval 484211556 chr11:870577187057988705825870585287058798705906 EscH1hescRep2_cluster_1912; ACA3; + strand; Ticks on x-axis are at 27 nucleotides interval 119712649126 chr11:870577187057988705825870585287058798705906 LiverHepg2Rep2_cluster_1459; ACA3; + strand; Ticks on x-axis are at 27 nucleotides interval 289261147 chr11:870577187057988705825870585287058798705906 LungAg04450Rep2_cluster_2126; ACA3; + strand; Ticks on x-axis are at 27 nucleotides interval 13032387099 chr11:870577187057988705825870585287058798705906 SkinBjRep2_cluster_1498; ACA3; + strand; Ticks on x-axis are at 27 nucleotides interval
Identifer	bgP_8705771-8705890_chr11.conserved	NA
Cluster score	0.16	NA
Clusters	2,2,1,1,2,2,2,1,1,2,2,2,1,1,0,0	NA
Overlap	NA	

	Replicate 1	Replicate 2
	58 chr9:204112232041120920411195204111812041116720411153 BloodGm12878Rep1_cluster_15388; n/a; - strand; Ticks on x-axis are at 14 nucleotides interval 10 chr9:204112232041120920411195204111812041116720411153 BrainSknsbraRep1_cluster_14124; n/a; - strand; Ticks on x-axis are at 14 nucleotides interval 10 chr9:204112232041120920411195204111812041116720411153 BreastMcf7Rep1_cluster_12433; n/a; - strand; Ticks on x-axis are at 14 nucleotides interval 120 chr9:204112232041120920411195204111812041116720411153 CervixHelas3Rep1_cluster_14821; n/a; - strand; Ticks on x-axis are at 14 nucleotides interval 75 chr9:204112232041120920411195204111812041116720411153 EpitheliumA549Rep1_cluster_12526; n/a; - strand; Ticks on x-axis are at 14 nucleotides interval 4 chr9:204112232041120920411195204111812041116720411153 EscH1hescRep1_cluster_11821; n/a; - strand; Ticks on x-axis are at 14 nucleotides interval 2 chr9:204112232041120920411195204111812041116720411153 LiverHepg2Rep1_cluster_5714; n/a; - strand; Ticks on x-axis are at 14 nucleotides interval 22 chr9:204112232041120920411195204111812041116720411153 LungAg04450Rep1_cluster_13469; n/a; - strand; Ticks on x-axis are at 14 nucleotides interval 14 chr9:204112232041120920411195204111812041116720411153 SkinBjRep1_cluster_5914; n/a; - strand; Ticks on x-axis are at 14 nucleotides interval	61 chr9:204112232041120920411195204111812041116720411153 BloodGm12878Rep2_cluster_18363; n/a; - strand; Ticks on x-axis are at 14 nucleotides interval 7 chr9:204112232041120920411195204111812041116720411153 BrainSknsbraRep2_cluster_12412; n/a; - strand; Ticks on x-axis are at 14 nucleotides interval 29 chr9:204112232041120920411195204111812041116720411153 BreastMcf7Rep2_cluster_12656; n/a; - strand; Ticks on x-axis are at 14 nucleotides interval 128 chr9:204112232041120920411195204111812041116720411153 CervixHelas3Rep2_cluster_14884; n/a; - strand; Ticks on x-axis are at 14 nucleotides interval 113 chr9:204112232041120920411195204111812041116720411153 EpitheliumA549Rep2_cluster_10145; n/a; - strand; Ticks on x-axis are at 14 nucleotides interval 5 chr9:204112232041120920411195204111812041116720411153 EscH1hescRep2_cluster_13687; n/a; - strand; Ticks on x-axis are at 14 nucleotides interval 2 chr9:204112232041120920411195204111812041116720411153 LiverHepg2Rep2_cluster_9902; n/a; - strand; Ticks on x-axis are at 14 nucleotides interval 23 chr9:204112232041120920411195204111812041116720411153 LungAg04450Rep2_cluster_14725; n/a; - strand; Ticks on x-axis are at 14 nucleotides interval 52 chr9:204112232041120920411195204111812041116720411153 SkinBjRep2_cluster_10463; n/a; - strand; Ticks on x-axis are at 14 nucleotides interval
Identifer	bgN_20411156_20411223_chr9.conserved	NA
Cluster score	0.16	NA
Clusters	2,2,2,2,2,2,2,2,2,2,2,2,1,1,2,2,2,2	NA
Overlap	NA	

	Replicate 1	Replicate 2
	8 1 1 38 10 chr16:323960332396323239661323969032397193239748 BloodGm12878Rep1_cluster_5237; chr16_Pro_AGG; + strand; Ticks on x-axis are at 29 nucleotides interval 21 1 1 10 13 chr16:323960332396323239661323969032397193239748 BrainSknshraRep1_cluster_4836; chr16_Pro_AGG; + strand; Ticks on x-axis are at 29 nucleotides interval 16 1 1 5 8 chr16:323960332396323239661323969032397193239748 BreastMcf7Rep1_cluster_4284; chr16_Pro_AGG; + strand; Ticks on x-axis are at 29 nucleotides interval 14 1 1 4 16 chr16:323960332396323239661323969032397193239748 CervixHelas3Rep1_cluster_5092; chr16_Pro_AGG; + strand; Ticks on x-axis are at 29 nucleotides interval 15 3 1 30 10 chr16:323960332396323239661323969032397193239748 EpitheliumA549Rep1_cluster_4348; chr16_Pro_AGG; + strand; Ticks on x-axis are at 29 nucleotides interval 3 12 1 1 7 chr16:323960332396323239661323969032397193239748 EscH1hescRep1_cluster_3974; chr16_Pro_AGG; + strand; Ticks on x-axis are at 29 nucleotides interval 3 1 1 8 149 chr16:323960332396323239661323969032397193239748 LiverHepg2Rep1_cluster_1977; chr16_Pro_AGG; + strand; Ticks on x-axis are at 29 nucleotides interval 17 1 1 42 16 chr16:323960332396323239661323969032397193239748 LungAg04450Rep1_cluster_4736; chr16_Pro_AGG; + strand; Ticks on x-axis are at 29 nucleotides interval 8 9 1 1 11 chr16:323960332396323239661323969032397193239748 SkinBjRep1_cluster_2133; chr16_Pro_AGG; + strand; Ticks on x-axis are at 29 nucleotides interval	8 8 6 70 11 chr16:323960332396323239661323969032397193239748 BloodGm12878Rep2_cluster_6204; chr16_Pro_AGG; + strand; Ticks on x-axis are at 29 nucleotides interval 19 1 1 12 9 chr16:323960332396323239661323969032397193239748 BrainSknshraRep2_cluster_4260; chr16_Pro_AGG; + strand; Ticks on x-axis are at 29 nucleotides interval 28 1 1 10 25 chr16:323960332396323239661323969032397193239748 BreastMcf7Rep2_cluster_4280; chr16_Pro_AGG; + strand; Ticks on x-axis are at 29 nucleotides interval 10 1 1 2 7 chr16:323960332396323239661323969032397193239748 CervixHelas3Rep2_cluster_5123; chr16_Pro_AGG; + strand; Ticks on x-axis are at 29 nucleotides interval 14 2 1 33 7 chr16:323960332396323239661323969032397193239748 EpitheliumA549Rep2_cluster_3516; chr16_Pro_AGG; + strand; Ticks on x-axis are at 29 nucleotides interval 6 2 1 2 8 chr16:323960332396323239661323969032397193239748 EscH1hescRep2_cluster_4574; chr16_Pro_AGG; + strand; Ticks on x-axis are at 29 nucleotides interval 10 7 1 12 192 chr16:323960332396323239661323969032397193239748 LiverHepg2Rep2_cluster_3382; chr16_Pro_AGG; + strand; Ticks on x-axis are at 29 nucleotides interval 30 2 1 45 8 chr16:323960332396323239661323969032397193239748 LungAg04450Rep2_cluster_5135; chr16_Pro_AGG; + strand; Ticks on x-axis are at 29 nucleotides interval 24 2 1 5 14 chr16:323960332396323239661323969032397193239748 SkinBjRep2_cluster_3680; chr16_Pro_AGG; + strand; Ticks on x-axis are at 29 nucleotides interval
Identifer	bgP_3239603_3239742_chr16.conserved	NA
Cluster score	0.16	NA
Clusters	0,0,1,1,1,1,0,0,1,1,0,0,2,2,1,1,0,0	NA
Overlap	NA	

	Replicate 1 36053586115 chrX:118921449118921422118921395118921368118921341118921314 BloodGm12878Rep1_cluster_16345; U69; - strand; Ticks on x-axis are at 27 nucleotides interval 20211839697 chrX:118921449118921422118921395118921368118921341118921314 BrainSknshraRep1_cluster_15048; U69; - strand; Ticks on x-axis are at 27 nucleotides interval 184831256 chrX:118921449118921422118921395118921368118921341118921314 BreastMcf7Rep1_cluster_13229; U69; - strand; Ticks on x-axis are at 27 nucleotides interval 7051071483300 chrX:118921449118921422118921395118921368118921341118921314 CervixHelas3Rep1_cluster_15791; U69; - strand; Ticks on x-axis are at 27 nucleotides interval 560913147 chrX:118921449118921422118921395118921368118921341118921314 EpitheliumA549Rep1_cluster_13316; U69; - strand; Ticks on x-axis are at 27 nucleotides interval 21313130 chrX:118921449118921422118921395118921368118921341118921314 EscH1hescRep1_cluster_12543; U69; - strand; Ticks on x-axis are at 27 nucleotides interval 24380136118 chrX:118921449118921422118921395118921368118921341118921314 LiverHepg2Rep1_cluster_6082; U69; - strand; Ticks on x-axis are at 27 nucleotides interval 826620481 chrX:118921449118921422118921395118921368118921341118921314 LungAg04450Rep1_cluster_14324; U69; - strand; Ticks on x-axis are at 27 nucleotides interval 332034114 chrX:118921449118921422118921395118921368118921341118921314 SkinBjRep1_cluster_6285; U69; - strand; Ticks on x-axis are at 27 nucleotides interval Identifer bgN_118921314.118921448.chrX.conserved Cluster score 0.16 Clusters 2,2,1,1,2,2,2,1,1,2,2,3,3,1,1,2,2 Overlap NA	Replicate 2 507568925196 chrX:118921449118921422118921395118921368118921341118921314 BloodGm12878Rep2_cluster_19496; U69; - strand; Ticks on x-axis are at 27 nucleotides interval 808635375 chrX:118921449118921422118921395118921368118921341118921314 BrainSknshraRep2_cluster_13233; U69; - strand; Ticks on x-axis are at 27 nucleotides interval 39710692151 chrX:118921449118921422118921395118921368118921341118921314 BreastMcf7Rep2_cluster_13472; U69; - strand; Ticks on x-axis are at 27 nucleotides interval 10310274193 chrX:118921449118921422118921395118921368118921341118921314 CervixHelas3Rep2_cluster_15862; U69; - strand; Ticks on x-axis are at 27 nucleotides interval 9401432172 chrX:118921449118921422118921395118921368118921341118921314 EpitheliumA549Rep2_cluster_10776; U69; - strand; Ticks on x-axis are at 27 nucleotides interval 12888134 chrX:118921449118921422118921395118921368118921341118921314 EscH1hescRep2_cluster_14533; U69; - strand; Ticks on x-axis are at 27 nucleotides interval 102244158194 chrX:118921449118921422118921395118921368118921341118921314 LiverHepg2Rep2_cluster_10546; U69; - strand; Ticks on x-axis are at 27 nucleotides interval 30799137 chrX:118921449118921422118921395118921368118921341118921314 LungAg04450Rep2_cluster_15662; U69; - strand; Ticks on x-axis are at 27 nucleotides interval 17910126 chrX:118921449118921422118921395118921368118921341118921314 SkinBjRep2_cluster_11123; U69; - strand; Ticks on x-axis are at 27 nucleotides interval NA NA NA
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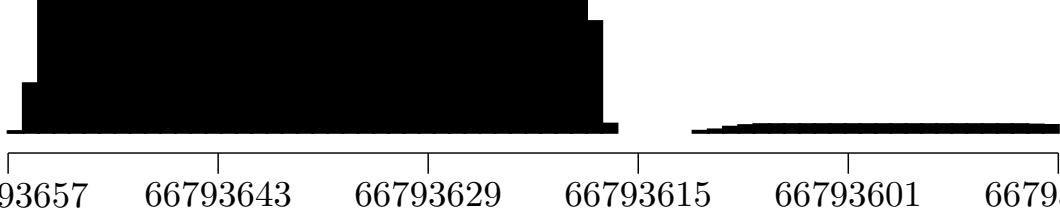
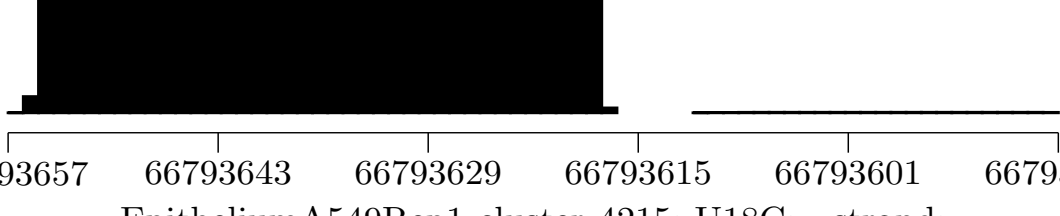
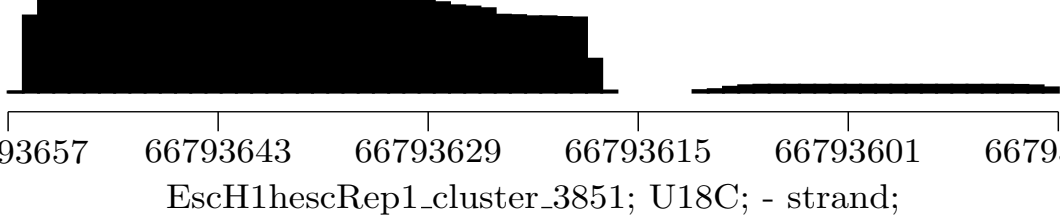
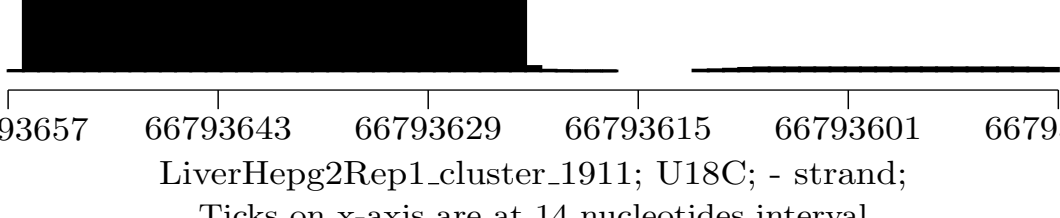
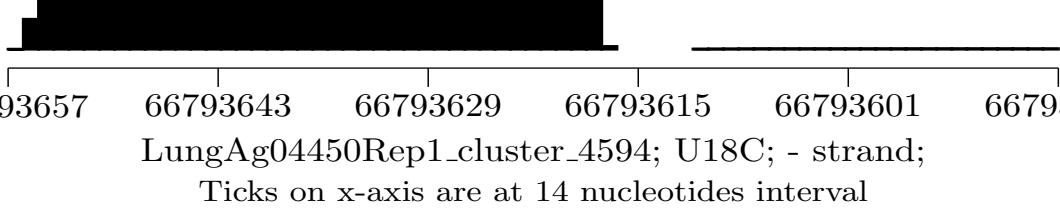
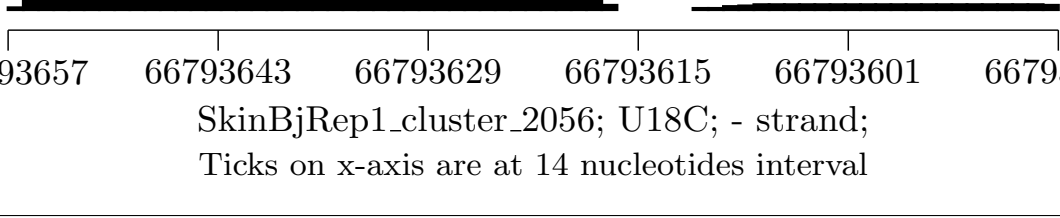
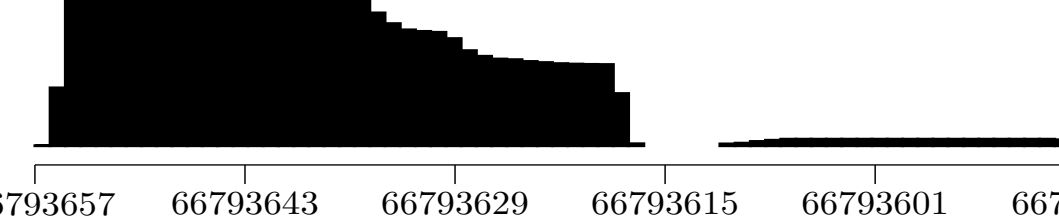
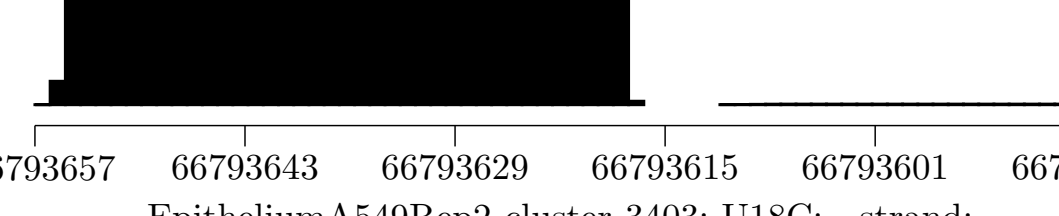
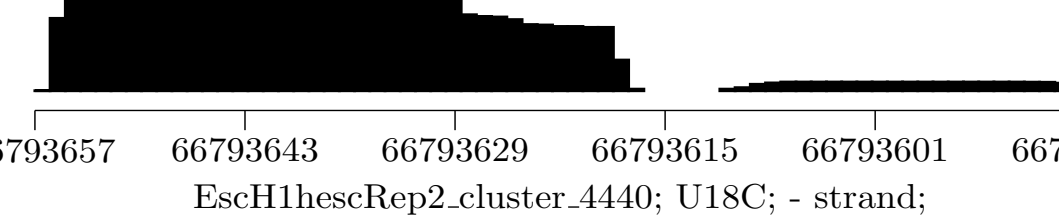
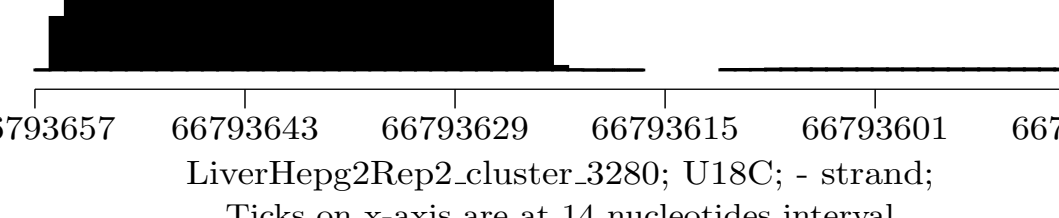
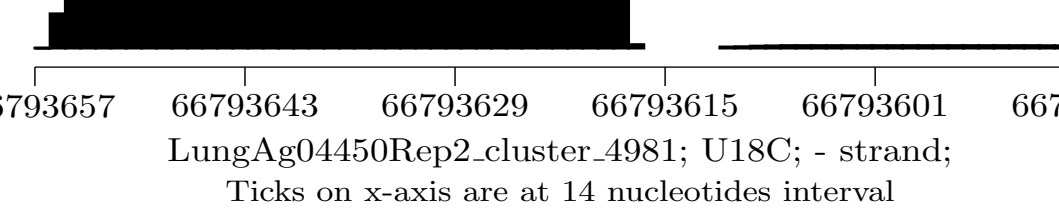
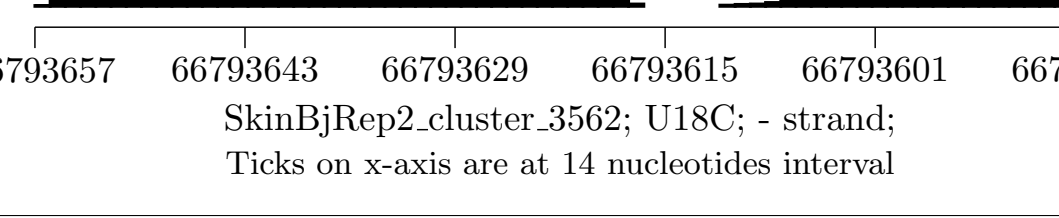
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	24 1132 chr12:490613774906134949061321490612934906126549061237 BloodGm12878Rep1_cluster_3434; ACA2b; - strand; Ticks on x-axis are at 28 nucleotides interval	26 4250

chr12:490613774906134949061321490612934906126549061237

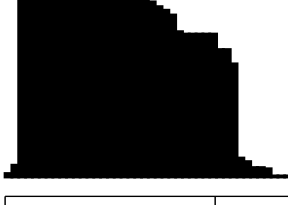
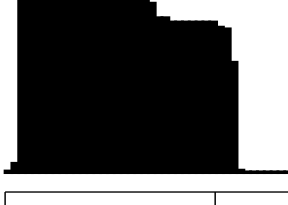
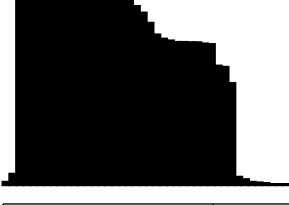
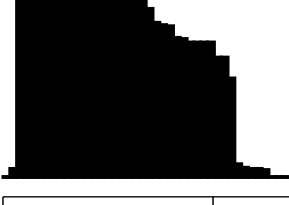
BloodGm12878Rep2_cluster_4081; ACA2b; - strand;

Ticks on x-axis are at 28 nucleotides interval

	Replicate 1	Replicate 2
	273 31 chr20:263485626348712634886263490126349162634931 BloodGm12878Rep1_cluster_8684; HBII-55; + strand; Ticks on x-axis are at 15 nucleotides interval 853 121 chr20:263485626348712634886263490126349162634931 BrainSknshraRep1_cluster_7886; HBII-55; + strand; Ticks on x-axis are at 15 nucleotides interval 382 40 chr20:263485626348712634886263490126349162634931 BreastMcf7Rep1_cluster_6930; HBII-55; + strand; Ticks on x-axis are at 15 nucleotides interval 859 60 chr20:263485626348712634886263490126349162634931 CervixHelas3Rep1_cluster_8245; HBII-55; + strand; Ticks on x-axis are at 15 nucleotides interval 1074 122 chr20:263485626348712634886263490126349162634931 EpitheliumA549Rep1_cluster_7070; HBII-55; + strand; Ticks on x-axis are at 15 nucleotides interval 854 32 chr20:263485626348712634886263490126349162634931 EscH1hescRep1_cluster_6517; HBII-55; + strand; Ticks on x-axis are at 15 nucleotides interval 18966 2 chr20:263485626348712634886263490126349162634931 LiverHepg2Rep1_cluster_3191; HBII-55; + strand; Ticks on x-axis are at 15 nucleotides interval 409 72 chr20:263485626348712634886263490126349162634931 LungAg04450Rep1_cluster_7545; HBII-55; + strand; Ticks on x-axis are at 15 nucleotides interval 821 7 chr20:263485626348712634886263490126349162634931 SkinBjRep1_cluster_3346; HBII-55; + strand; Ticks on x-axis are at 15 nucleotides interval	391 48 chr20:263485626348712634886263490126349162634931 BloodGm12878Rep2_cluster_10380; HBII-55; + strand; Ticks on x-axis are at 15 nucleotides interval 1202 131 chr20:263485626348712634886263490126349162634931 BrainSknshraRep2_cluster_6933; HBII-55; + strand; Ticks on x-axis are at 15 nucleotides interval 442 66 chr20:263485626348712634886263490126349162634931 BreastMcf7Rep2_cluster_7034; HBII-55; + strand; Ticks on x-axis are at 15 nucleotides interval 519 23 chr20:263485626348712634886263490126349162634931 CervixHelas3Rep2_cluster_8213; HBII-55; + strand; Ticks on x-axis are at 15 nucleotides interval 1260 182 chr20:263485626348712634886263490126349162634931 EpitheliumA549Rep2_cluster_5724; HBII-55; + strand; Ticks on x-axis are at 15 nucleotides interval 795 23 chr20:263485626348712634886263490126349162634931 EscH1hescRep2_cluster_7542; HBII-55; + strand; Ticks on x-axis are at 15 nucleotides interval 4805 4 chr20:263485626348712634886263490126349162634931 LiverHepg2Rep2_cluster_5526; HBII-55; + strand; Ticks on x-axis are at 15 nucleotides interval 420 71 chr20:263485626348712634886263490126349162634931 LungAg04450Rep2_cluster_8284; HBII-55; + strand; Ticks on x-axis are at 15 nucleotides interval 211 17 chr20:263485626348712634886263490126349162634931 SkinBjRep2_cluster_5822; HBII-55; + strand; Ticks on x-axis are at 15 nucleotides interval
Identifer	bgP_2634856_2634929_chr20.conserved	NA
Cluster score	0.15	NA
Clusters	3,3,3,3,3,0,0,3,3,1,1,2,2,3,3,0,0	NA
Overlap	NA	

	Replicate 1	Replicate 2
	3525 120  chr15:667936576679364366793629667936156679360166793587 BloodGm12878Rep1_cluster_5074; U18C; - strand; Ticks on x-axis are at 14 nucleotides interval 12448 22  chr15:667936576679364366793629667936156679360166793587 BrainSknshraRep1_cluster_4688; U18C; - strand; Ticks on x-axis are at 14 nucleotides interval 3335 16  chr15:667936576679364366793629667936156679360166793587 BreastMcf7Rep1_cluster_4151; U18C; - strand; Ticks on x-axis are at 14 nucleotides interval 1533 57  chr15:667936576679364366793629667936156679360166793587 CervixHelas3Rep1_cluster_4935; U18C; - strand; Ticks on x-axis are at 14 nucleotides interval 4873 13  chr15:667936576679364366793629667936156679360166793587 EpitheliumA549Rep1_cluster_4215; U18C; - strand; Ticks on x-axis are at 14 nucleotides interval 2208 80  chr15:667936576679364366793629667936156679360166793587 EscH1hescRep1_cluster_3851; U18C; - strand; Ticks on x-axis are at 14 nucleotides interval 14124 234  chr15:667936576679364366793629667936156679360166793587 LiverHepg2Rep1_cluster_1911; U18C; - strand; Ticks on x-axis are at 14 nucleotides interval 5560 21  chr15:667936576679364366793629667936156679360166793587 LungAg04450Rep1_cluster_4594; U18C; - strand; Ticks on x-axis are at 14 nucleotides interval 330 8  chr15:667936576679364366793629667936156679360166793587 SkinBjRep1_cluster_2056; U18C; - strand; Ticks on x-axis are at 14 nucleotides interval	4358 107  chr15:667936576679364366793629667936156679360166793587 BloodGm12878Rep2_cluster_6014; U18C; - strand; Ticks on x-axis are at 14 nucleotides interval 3340 8  chr15:667936576679364366793629667936156679360166793587 BrainSknshraRep2_cluster_4127; U18C; - strand; Ticks on x-axis are at 14 nucleotides interval 3351 13  chr15:667936576679364366793629667936156679360166793587 BreastMcf7Rep2_cluster_4144; U18C; - strand; Ticks on x-axis are at 14 nucleotides interval 1252 44  chr15:667936576679364366793629667936156679360166793587 CervixHelas3Rep2_cluster_4972; U18C; - strand; Ticks on x-axis are at 14 nucleotides interval 3754 11  chr15:667936576679364366793629667936156679360166793587 EpitheliumA549Rep2_cluster_3403; U18C; - strand; Ticks on x-axis are at 14 nucleotides interval 1747 78  chr15:667936576679364366793629667936156679360166793587 EscH1hescRep2_cluster_4440; U18C; - strand; Ticks on x-axis are at 14 nucleotides interval 10557 72  chr15:667936576679364366793629667936156679360166793587 LiverHepg2Rep2_cluster_3280; U18C; - strand; Ticks on x-axis are at 14 nucleotides interval 2191 31  chr15:667936576679364366793629667936156679360166793587 LungAg04450Rep2_cluster_4981; U18C; - strand; Ticks on x-axis are at 14 nucleotides interval 553 13  chr15:667936576679364366793629667936156679360166793587 SkinBjRep2_cluster_3562; U18C; - strand; Ticks on x-axis are at 14 nucleotides interval
Identifer	bgN_66793589_66793657_chr15.conserved	NA
Cluster score	0.15	NA
Clusters	1,1,2,2,2,1,1,2,2,1,1,0,0,0,0,1,1	NA
Overlap	NA	

	Replicate 1	Replicate 2
	374370 chrX:456056714560565745605643456056294560561545605601 BloodGm12878Rep1_cluster_16187; hsa-mir-221; - strand; Ticks on x-axis are at 14 nucleotides interval	451470 chrX:456056714560565745605643456056294560561545605601 BloodGm12878Rep2_cluster_19301; hsa-mir-221; - strand; Ticks on x-axis are at 14 nucleotides interval
	704621502 chrX:456056714560565745605643456056294560561545605601 BrainSknshraRep1_cluster_14878; hsa-mir-221; - strand; Ticks on x-axis are at 14 nucleotides interval	761016105 chrX:456056714560565745605643456056294560561545605601 BrainSknshraRep2_cluster_13092; hsa-mir-221; - strand; Ticks on x-axis are at 14 nucleotides interval
	87121 chrX:456056714560565745605643456056294560561545605601 BreastMcf7Rep1_cluster_13088; hsa-mir-221; - strand; Ticks on x-axis are at 14 nucleotides interval	160106 chrX:456056714560565745605643456056294560561545605601 BreastMcf7Rep2_cluster_13330; hsa-mir-221; - strand; Ticks on x-axis are at 14 nucleotides interval
	566326 chrX:456056714560565745605643456056294560561545605601 CervixHelas3Rep1_cluster_15619; hsa-mir-221; - strand; Ticks on x-axis are at 14 nucleotides interval	57768 chrX:456056714560565745605643456056294560561545605601 CervixHelas3Rep2_cluster_15689; hsa-mir-221; - strand; Ticks on x-axis are at 14 nucleotides interval
	16634493 chrX:456056714560565745605643456056294560561545605601 EpitheliumA549Rep1_cluster_13178; hsa-mir-221; - strand; Ticks on x-axis are at 14 nucleotides interval	30203665 chrX:456056714560565745605643456056294560561545605601 EpitheliumA549Rep2_cluster_10674; hsa-mir-221; - strand; Ticks on x-axis are at 14 nucleotides interval
	41061 chrX:456056714560565745605643456056294560561545605601 EscH1hescRep1_cluster_12423; hsa-mir-221; - strand; Ticks on x-axis are at 14 nucleotides interval	45870 chrX:456056714560565745605643456056294560561545605601 EscH1hescRep2_cluster_14386; hsa-mir-221; - strand; Ticks on x-axis are at 14 nucleotides interval
	14214 chrX:456056714560565745605643456056294560561545605601 LiverHepg2Rep1_cluster_6022; hsa-mir-221; - strand; Ticks on x-axis are at 14 nucleotides interval	29123 chrX:456056714560565745605643456056294560561545605601 LiverHepg2Rep2_cluster_10437; hsa-mir-221; - strand; Ticks on x-axis are at 14 nucleotides interval
	1158219329 chrX:456056714560565745605643456056294560561545605601 LungAg04450Rep1_cluster_14179; hsa-mir-221; - strand; Ticks on x-axis are at 14 nucleotides interval	749527931 chrX:456056714560565745605643456056294560561545605601 LungAg04450Rep2_cluster_15497; hsa-mir-221; - strand; Ticks on x-axis are at 14 nucleotides interval
	4107910 chrX:456056714560565745605643456056294560561545605601 SkinBjRep1_cluster_6220; hsa-mir-221; - strand; Ticks on x-axis are at 14 nucleotides interval	130841051 chrX:456056714560565745605643456056294560561545605601 SkinBjRep2_cluster_10995; hsa-mir-221; - strand; Ticks on x-axis are at 14 nucleotides interval
Identifer	bgN_45605604_45605671_chrX.conserved	NA
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Overlap	NA	

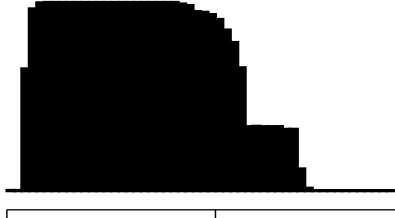
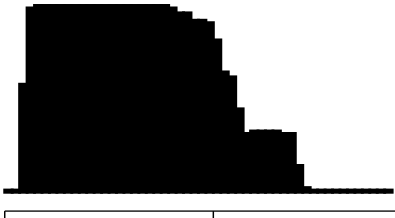
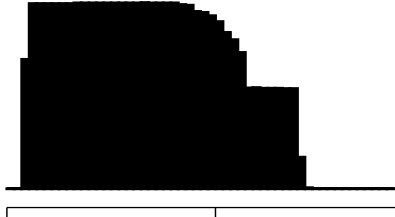
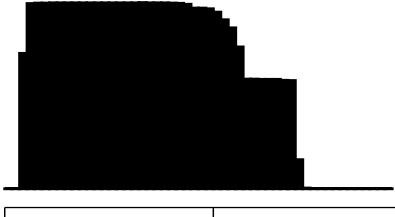
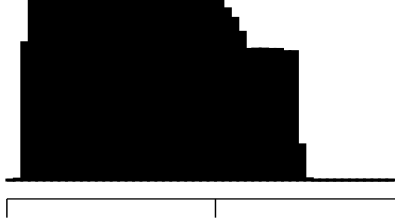
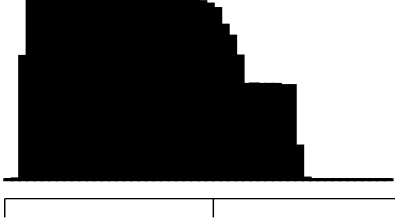
	Replicate 1	Replicate 2
	27676 330  chr11:751114327511146375111494751115257511155675111587 BloodGm12878Rep1_cluster_2386; U15A; + strand; Ticks on x-axis are at 31 nucleotides interval 6611 223  chr11:751114327511146375111494751115257511155675111587 BrainSknshraRep1_cluster_2197; U15A; + strand; Ticks on x-axis are at 31 nucleotides interval 774 155  chr11:751114327511146375111494751115257511155675111587 BreastMcf7Rep1_cluster_1907; U15A; + strand; Ticks on x-axis are at 31 nucleotides interval 4488 349  chr11:751114327511146375111494751115257511155675111587 CervixHelas3Rep1_cluster_2328; U15A; + strand; Ticks on x-axis are at 31 nucleotides interval 1595 248  chr11:751114327511146375111494751115257511155675111587 EpitheliumA549Rep1_cluster_1950; U15A; + strand; Ticks on x-axis are at 31 nucleotides interval 162 50  chr11:751114327511146375111494751115257511155675111587 EscH1hescRep1_cluster_1803; U15A; + strand; Ticks on x-axis are at 31 nucleotides interval 226 48  chr11:751114327511146375111494751115257511155675111587 LiverHepg2Rep1_cluster_907; U15A; + strand; Ticks on x-axis are at 31 nucleotides interval 1129 135  chr11:751114327511146375111494751115257511155675111587 LungAg04450Rep1_cluster_2108; U15A; + strand; Ticks on x-axis are at 31 nucleotides interval 175 143  chr11:751114327511146375111494751115257511155675111587 SkinBjRep1_cluster_951; U15A; + strand; Ticks on x-axis are at 31 nucleotides interval	4443 223  chr11:751114327511146375111494751115257511155675111587 BloodGm12878Rep2_cluster_2862; U15A; + strand; Ticks on x-axis are at 31 nucleotides interval 5394 163  chr11:751114327511146375111494751115257511155675111587 BrainSknshraRep2_cluster_1933; U15A; + strand; Ticks on x-axis are at 31 nucleotides interval 1324 135  chr11:751114327511146375111494751115257511155675111587 BreastMcf7Rep2_cluster_1958; U15A; + strand; Ticks on x-axis are at 31 nucleotides interval 638 348  chr11:751114327511146375111494751115257511155675111587 CervixHelas3Rep2_cluster_2349; U15A; + strand; Ticks on x-axis are at 31 nucleotides interval 1179 200  chr11:751114327511146375111494751115257511155675111587 EpitheliumA549Rep2_cluster_1614; U15A; + strand; Ticks on x-axis are at 31 nucleotides interval 166 40  chr11:751114327511146375111494751115257511155675111587 EscH1hescRep2_cluster_2076; U15A; + strand; Ticks on x-axis are at 31 nucleotides interval 312 65  chr11:751114327511146375111494751115257511155675111587 LiverHepg2Rep2_cluster_1576; U15A; + strand; Ticks on x-axis are at 31 nucleotides interval 3254 168  chr11:751114327511146375111494751115257511155675111587 LungAg04450Rep2_cluster_2313; U15A; + strand; Ticks on x-axis are at 31 nucleotides interval 292 273  chr11:751114327511146375111494751115257511155675111587 SkinBjRep2_cluster_1646; U15A; + strand; Ticks on x-axis are at 31 nucleotides interval
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Overlap	NA	

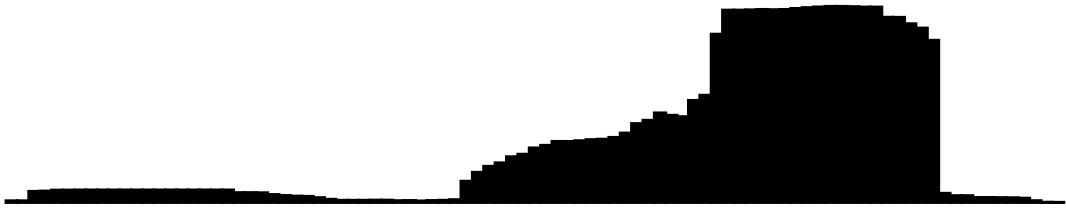
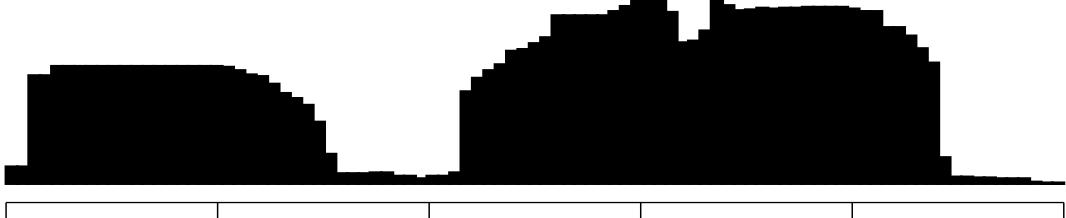
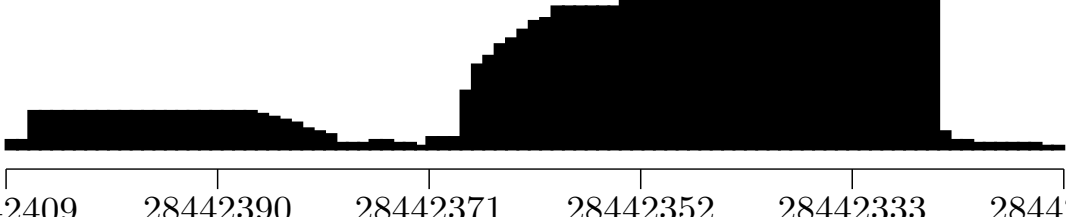
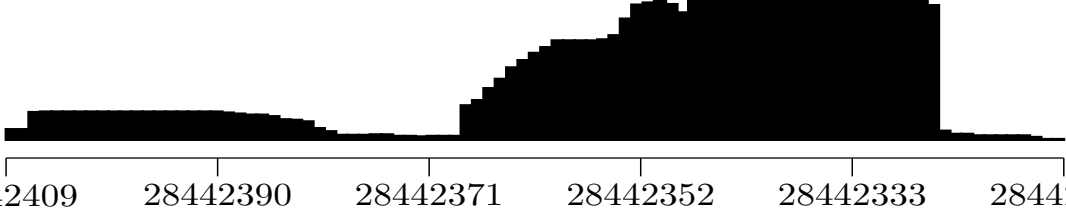
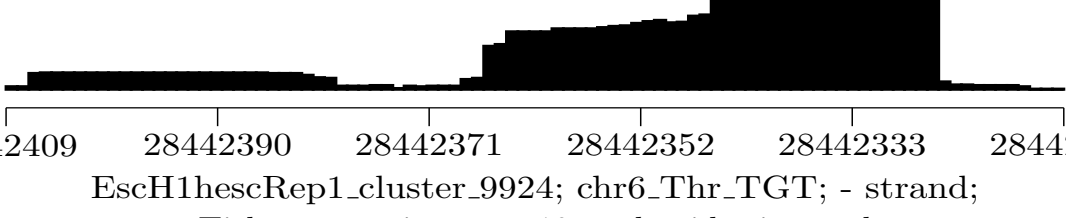
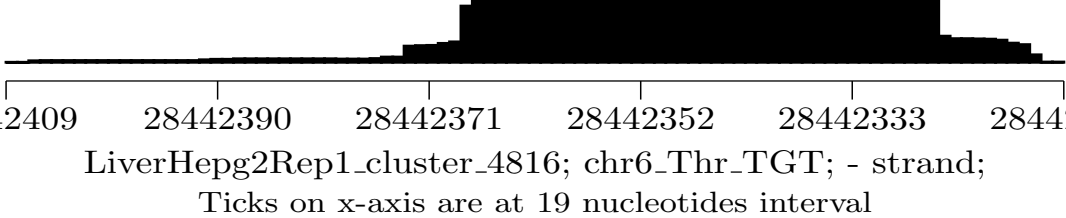
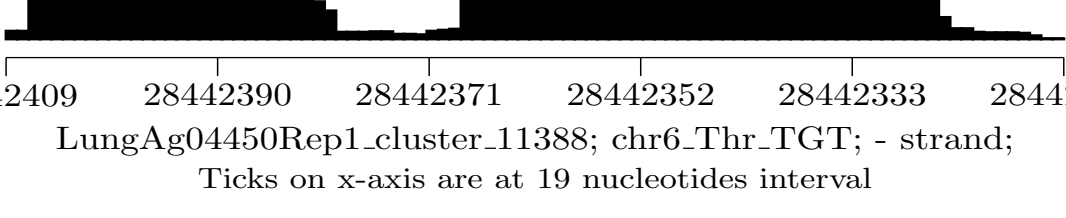
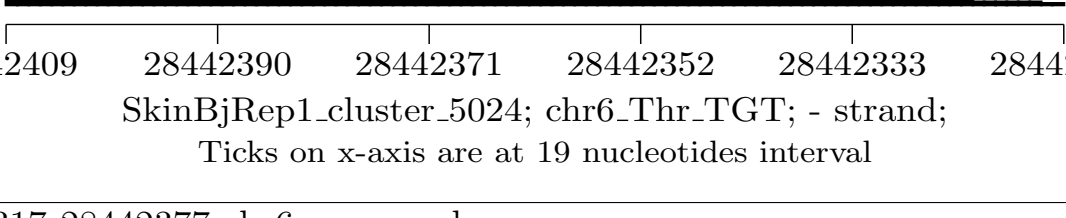
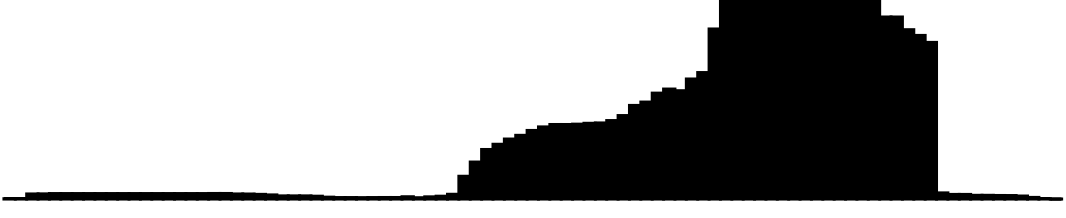
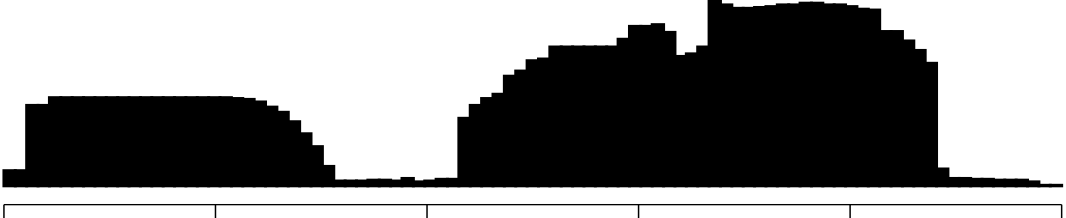
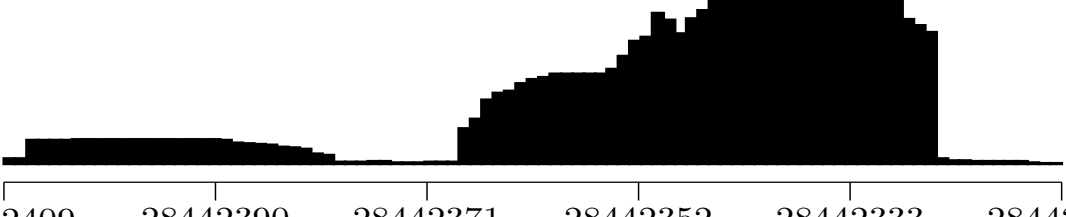
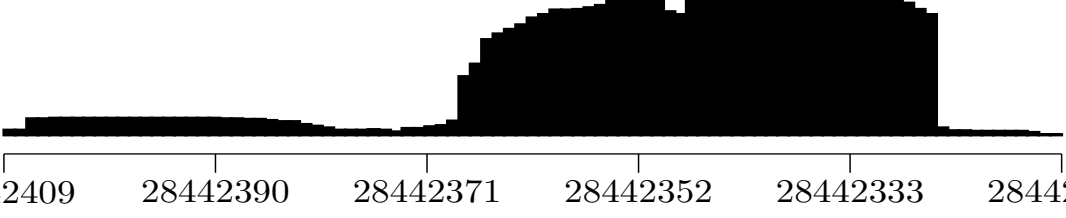
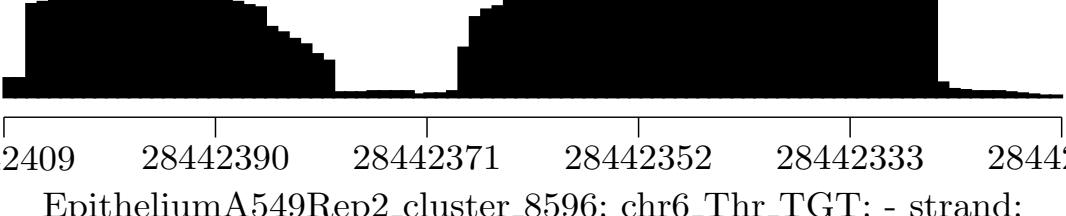
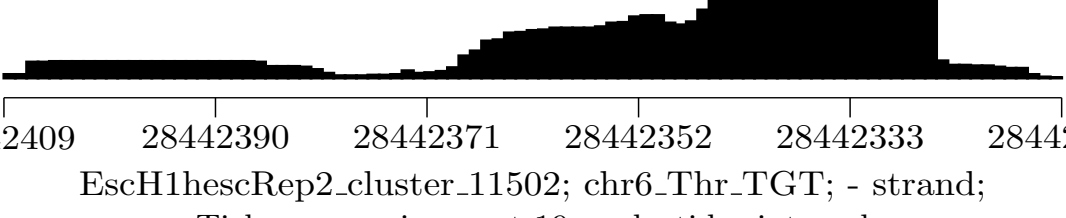
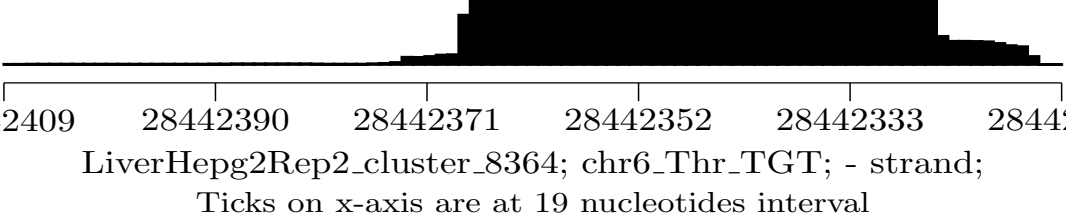
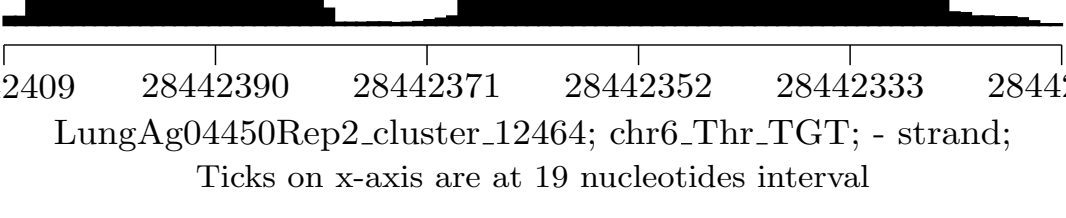
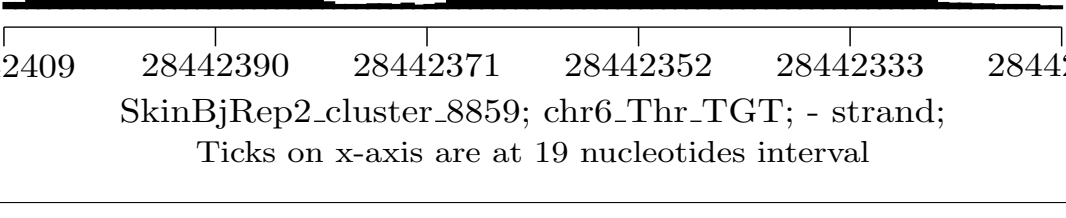
	Replicate 1	Replicate 2
	615345 chr10:705149267051494070514954705149687051498270514996 BloodGm12878Rep1_cluster_1618; HBII-419; + strand; Ticks on x-axis are at 14 nucleotides interval 4283686 chr10:705149267051494070514954705149687051498270514996 BrainSknshraRep1_cluster_1463; HBII-419; + strand; Ticks on x-axis are at 14 nucleotides interval 735252 chr10:705149267051494070514954705149687051498270514996 BreastMcf7Rep1_cluster_1278; HBII-419; + strand; Ticks on x-axis are at 14 nucleotides interval 2136712 chr10:705149267051494070514954705149687051498270514996 CervixHelas3Rep1_cluster_1528; HBII-419; + strand; Ticks on x-axis are at 14 nucleotides interval 1614422 chr10:705149267051494070514954705149687051498270514996 EpitheliumA549Rep1_cluster_1304; HBII-419; + strand; Ticks on x-axis are at 14 nucleotides interval 728122 chr10:705149267051494070514954705149687051498270514996 EscH1hescRep1_cluster_1256; HBII-419; + strand; Ticks on x-axis are at 14 nucleotides interval 134147 chr10:705149267051494070514954705149687051498270514996 LiverHepg2Rep1_cluster_666; HBII-419; + strand; Ticks on x-axis are at 14 nucleotides interval 3334523 chr10:705149267051494070514954705149687051498270514996 LungAg04450Rep1_cluster_1417; HBII-419; + strand; Ticks on x-axis are at 14 nucleotides interval 3958117 chr10:705149267051494070514954705149687051498270514996 SkinBjRep1_cluster_690; HBII-419; + strand; Ticks on x-axis are at 14 nucleotides interval	951518 chr10:705149267051494070514954705149687051498270514996 BloodGm12878Rep2_cluster_1924; HBII-419; + strand; Ticks on x-axis are at 14 nucleotides interval 4234949 chr10:705149267051494070514954705149687051498270514996 BrainSknshraRep2_cluster_1316; HBII-419; + strand; Ticks on x-axis are at 14 nucleotides interval 2208916 chr10:705149267051494070514954705149687051498270514996 BreastMcf7Rep2_cluster_1306; HBII-419; + strand; Ticks on x-axis are at 14 nucleotides interval 559362 chr10:705149267051494070514954705149687051498270514996 CervixHelas3Rep2_cluster_1550; HBII-419; + strand; Ticks on x-axis are at 14 nucleotides interval 1977495 chr10:705149267051494070514954705149687051498270514996 EpitheliumA549Rep2_cluster_1089; HBII-419; + strand; Ticks on x-axis are at 14 nucleotides interval 478136 chr10:705149267051494070514954705149687051498270514996 EscH1hescRep2_cluster_1453; HBII-419; + strand; Ticks on x-axis are at 14 nucleotides interval 193953 chr10:705149267051494070514954705149687051498270514996 LiverHepg2Rep2_cluster_1089; HBII-419; + strand; Ticks on x-axis are at 14 nucleotides interval 1719331 chr10:705149267051494070514954705149687051498270514996 LungAg04450Rep2_cluster_1551; HBII-419; + strand; Ticks on x-axis are at 14 nucleotides interval 2077404 chr10:705149267051494070514954705149687051498270514996 SkinBjRep2_cluster_1107; HBII-419; + strand; Ticks on x-axis are at 14 nucleotides interval
Identifer	bgP_70514926_70514991_chr10.conserved	NA
Cluster score	0.15	NA
Clusters	2,2,2,2,2,2,2,2,2,2,2,2,1,1,2,2,0,0	NA
Overlap	NA	

	Replicate 1	Replicate 2
	317 chr14:233989022339892623398950233989742339899823399022 BloodGm12878Rep1_cluster_4178; chr14_Arg_ACG; + strand; Ticks on x-axis are at 24 nucleotides interval 497 chr14:233989022339892623398950233989742339899823399022 BrainSknshraRep1_cluster_3898; chr14_Arg_ACG; + strand; Ticks on x-axis are at 24 nucleotides interval 26 chr14:233989022339892623398950233989742339899823399022 BreastMcf7Rep1_cluster_3429; chr14_Arg_ACG; + strand; Ticks on x-axis are at 24 nucleotides interval 219 chr14:233989022339892623398950233989742339899823399022 CervixHelas3Rep1_cluster_4096; chr14_Arg_ACG; + strand; Ticks on x-axis are at 24 nucleotides interval 245 chr14:233989022339892623398950233989742339899823399022 EpitheliumA549Rep1_cluster_3485; chr14_Arg_ACG; + strand; Ticks on x-axis are at 24 nucleotides interval 80 chr14:233989022339892623398950233989742339899823399022 EscH1hescRep1_cluster_3168; chr14_Arg_ACG; + strand; Ticks on x-axis are at 24 nucleotides interval 85 chr14:233989022339892623398950233989742339899823399022 LiverHepg2Rep1_cluster_1569; chr14_Arg_ACG; + strand; Ticks on x-axis are at 24 nucleotides interval 366 chr14:233989022339892623398950233989742339899823399022 LungAg04450Rep1_cluster_3736; chr14_Arg_ACG; + strand; Ticks on x-axis are at 24 nucleotides interval 155 chr14:233989022339892623398950233989742339899823399022 SkinBjRep1_cluster_1634; chr14_Arg_ACG; + strand; Ticks on x-axis are at 24 nucleotides interval	635 chr14:233989022339892623398950233989742339899823399022 BloodGm12878Rep2_cluster_4956; chr14_Arg_ACG; + strand; Ticks on x-axis are at 24 nucleotides interval 452 chr14:233989022339892623398950233989742339899823399022 BrainSknshraRep2_cluster_3402; chr14_Arg_ACG; + strand; Ticks on x-axis are at 24 nucleotides interval 63 chr14:233989022339892623398950233989742339899823399022 BreastMcf7Rep2_cluster_3416; chr14_Arg_ACG; + strand; Ticks on x-axis are at 24 nucleotides interval 72 chr14:233989022339892623398950233989742339899823399022 CervixHelas3Rep2_cluster_4116; chr14_Arg_ACG; + strand; Ticks on x-axis are at 24 nucleotides interval 122 chr14:233989022339892623398950233989742339899823399022 EpitheliumA549Rep2_cluster_2797; chr14_Arg_ACG; + strand; Ticks on x-axis are at 24 nucleotides interval 68 chr14:233989022339892623398950233989742339899823399022 EscH1hescRep2_cluster_3642; chr14_Arg_ACG; + strand; Ticks on x-axis are at 24 nucleotides interval 415 chr14:233989022339892623398950233989742339899823399022 LiverHepg2Rep2_cluster_2707; chr14_Arg_ACG; + strand; Ticks on x-axis are at 24 nucleotides interval 303 chr14:233989022339892623398950233989742339899823399022 LungAg04450Rep2_cluster_4068; chr14_Arg_ACG; + strand; Ticks on x-axis are at 24 nucleotides interval 47 chr14:233989022339892623398950233989742339899823399022 SkinBjRep2_cluster_2883; chr14_Arg_ACG; + strand; Ticks on x-axis are at 24 nucleotides interval
Identifer	bgP_23398902_23399020_chr14.conserved	NA
Cluster score	0.15	NA
Clusters	3,3,3,3,1,1,2,2,3,3,1,1,0,0,2,2,0,0	NA
Overlap	NA	

	Replicate 1	Replicate 2
	184609 chr8:67834787 67834770 67834753 67834736 67834719 67834702 BloodGm12878Rep1_cluster_14812; HBII-276; - strand; Ticks on x-axis are at 17 nucleotides interval	136465 chr8:67834787 67834770 67834753 67834736 67834719 67834702 BloodGm12878Rep2_cluster_17682; HBII-276; - strand; Ticks on x-axis are at 17 nucleotides interval
	688545 chr8:67834787 67834770 67834753 67834736 67834719 67834702 BrainSknshraRep1_cluster_13618; HBII-276; - strand; Ticks on x-axis are at 17 nucleotides interval	977347 chr8:67834787 67834770 67834753 67834736 67834719 67834702 BrainSknshraRep2_cluster_11952; HBII-276; - strand; Ticks on x-axis are at 17 nucleotides interval
	66106 chr8:67834787 67834770 67834753 67834736 67834719 67834702 BreastMcf7Rep1_cluster_11976; HBII-276; - strand; Ticks on x-axis are at 17 nucleotides interval	81160 chr8:67834787 67834770 67834753 67834736 67834719 67834702 BreastMcf7Rep2_cluster_12166; HBII-276; - strand; Ticks on x-axis are at 17 nucleotides interval
	503199 chr8:67834787 67834770 67834753 67834736 67834719 67834702 CervixHelas3Rep1_cluster_14278; HBII-276; - strand; Ticks on x-axis are at 17 nucleotides interval	6388 chr8:67834787 67834770 67834753 67834736 67834719 67834702 CervixHelas3Rep2_cluster_14299; HBII-276; - strand; Ticks on x-axis are at 17 nucleotides interval
	112564 chr8:67834787 67834770 67834753 67834736 67834719 67834702 EpitheliumA549Rep1_cluster_12072; HBII-276; - strand; Ticks on x-axis are at 17 nucleotides interval	153374 chr8:67834787 67834770 67834753 67834736 67834719 67834702 EpitheliumA549Rep2_cluster_9771; HBII-276; - strand; Ticks on x-axis are at 17 nucleotides interval
	63049 chr8:67834787 67834770 67834753 67834736 67834719 67834702 EscH1hescrep1_cluster_11384; HBII-276; - strand; Ticks on x-axis are at 17 nucleotides interval	29147 chr8:67834787 67834770 67834753 67834736 67834719 67834702 EscH1hescrep2_cluster_13177; HBII-276; - strand; Ticks on x-axis are at 17 nucleotides interval
	5579471 chr8:67834787 67834770 67834753 67834736 67834719 67834702 LiverHepg2Rep1_cluster_5489; HBII-276; - strand; Ticks on x-axis are at 17 nucleotides interval	899419 chr8:67834787 67834770 67834753 67834736 67834719 67834702 LiverHepg2Rep2_cluster_9495; HBII-276; - strand; Ticks on x-axis are at 17 nucleotides interval
	164185 chr8:67834787 67834770 67834753 67834736 67834719 67834702 LungAg04450Rep1_cluster_12978; HBII-276; - strand; Ticks on x-axis are at 17 nucleotides interval	139331 chr8:67834787 67834770 67834753 67834736 67834719 67834702 LungAg04450Rep2_cluster_14201; HBII-276; - strand; Ticks on x-axis are at 17 nucleotides interval
	214841 chr8:67834787 67834770 67834753 67834736 67834719 67834702 SkinBjRep1_cluster_5692; HBII-276; - strand; Ticks on x-axis are at 17 nucleotides interval	650104 chr8:67834787 67834770 67834753 67834736 67834719 67834702 SkinBjRep2_cluster_10073; HBII-276; - strand; Ticks on x-axis are at 17 nucleotides interval
Identifer	bgN_67834705_67834786_chr8.conserved	NA
Cluster score	0.15	NA
Clusters	1,1,0,0,1,1,0,0,1,1,2,2,2,2,1,1,2,2	NA
Overlap	NA	

	Replicate 1	Replicate 2
	412635136 chrX:45606521 45606504 45606487 45606470 45606453 45606436 BloodGm12878Rep1_cluster_16188; hsa-mir-222; - strand; Ticks on x-axis are at 17 nucleotides interval 85661222360 chrX:45606521 45606504 45606487 45606470 45606453 45606436 BrainSknshraRep1_cluster_14879; hsa-mir-222; - strand; Ticks on x-axis are at 17 nucleotides interval 132533 chrX:45606521 45606504 45606487 45606470 45606453 45606436 BreastMcf7Rep1_cluster_13089; hsa-mir-222; - strand; Ticks on x-axis are at 17 nucleotides interval 14445453 chrX:45606521 45606504 45606487 45606470 45606453 45606436 CervixHelas3Rep1_cluster_15620; hsa-mir-222; - strand; Ticks on x-axis are at 17 nucleotides interval 1021891806 chrX:45606521 45606504 45606487 45606470 45606453 45606436 EpitheliumA549Rep1_cluster_13179; hsa-mir-222; - strand; Ticks on x-axis are at 17 nucleotides interval 4132810 chrX:45606521 45606504 45606487 45606470 45606453 45606436 EscH1hescRep1_cluster_12424; hsa-mir-222; - strand; Ticks on x-axis are at 17 nucleotides interval 146221 chrX:45606521 45606504 45606487 45606470 45606453 45606436 LiverHepg2Rep1_cluster_6023; hsa-mir-222; - strand; Ticks on x-axis are at 17 nucleotides interval 236292492070 chrX:45606521 45606504 45606487 45606470 45606453 45606436 LungAg04450Rep1_cluster_14180; hsa-mir-222; - strand; Ticks on x-axis are at 17 nucleotides interval 226018238 chrX:45606521 45606504 45606487 45606470 45606453 45606436 SkinBjRep1_cluster_6221; hsa-mir-222; - strand; Ticks on x-axis are at 17 nucleotides interval	519043250 chrX:45606521 45606504 45606487 45606470 45606453 45606436 BloodGm12878Rep2_cluster_19302; hsa-mir-222; - strand; Ticks on x-axis are at 17 nucleotides interval 55491531767 chrX:45606521 45606504 45606487 45606470 45606453 45606436 BrainSknshraRep2_cluster_13093; hsa-mir-222; - strand; Ticks on x-axis are at 17 nucleotides interval 219423 chrX:45606521 45606504 45606487 45606470 45606453 45606436 BreastMcf7Rep2_cluster_13331; hsa-mir-222; - strand; Ticks on x-axis are at 17 nucleotides interval 16315012 chrX:45606521 45606504 45606487 45606470 45606453 45606436 CervixHelas3Rep2_cluster_15690; hsa-mir-222; - strand; Ticks on x-axis are at 17 nucleotides interval 15253163558 chrX:45606521 45606504 45606487 45606470 45606453 45606436 EpitheliumA549Rep2_cluster_10675; hsa-mir-222; - strand; Ticks on x-axis are at 17 nucleotides interval 5153618 chrX:45606521 45606504 45606487 45606470 45606453 45606436 EscH1hescRep2_cluster_14387; hsa-mir-222; - strand; Ticks on x-axis are at 17 nucleotides interval 176776510 chrX:45606521 45606504 45606487 45606470 45606453 45606436 LiverHepg2Rep2_cluster_10438; hsa-mir-222; - strand; Ticks on x-axis are at 17 nucleotides interval 167201512567 chrX:45606521 45606504 45606487 45606470 45606453 45606436 LungAg04450Rep2_cluster_15498; hsa-mir-222; - strand; Ticks on x-axis are at 17 nucleotides interval 7112949272 chrX:45606521 45606504 45606487 45606470 45606453 45606436 SkinBjRep2_cluster_10996; hsa-mir-222; - strand; Ticks on x-axis are at 17 nucleotides interval
Identifer	bgN_45606435_45606502_chrX.conserved	NA
Cluster score	0.15	NA
Clusters	1,1,4,4,1,1,2,2,0,0,5,5,5,5,0,0,3,3	NA
Overlap	NA	

	Replicate 1	Replicate 2
	911  218 chr5:111497177 111497205 111497233 111497261 111497289 111497317 BloodGm12878Rep1_cluster_11680; ACA13; + strand; Ticks on x-axis are at 28 nucleotides interval	1361  239 chr5:111497177 111497205 111497233 111497261 111497289 111497317 BloodGm12878Rep2_cluster_13947; ACA13; + strand; Ticks on x-axis are at 28 nucleotides interval
	15811  48 chr5:111497177 111497205 111497233 111497261 111497289 111497317 BrainSknshraRep1_cluster_10639; ACA13; + strand; Ticks on x-axis are at 28 nucleotides interval	10971  416 chr5:111497177 111497205 111497233 111497261 111497289 111497317 BrainSknshraRep2_cluster_9347; ACA13; + strand; Ticks on x-axis are at 28 nucleotides interval
	1391  112 chr5:111497177 111497205 111497233 111497261 111497289 111497317 BreastMcf7Rep1_cluster_9464; ACA13; + strand; Ticks on x-axis are at 28 nucleotides interval	2311  524 chr5:111497177 111497205 111497233 111497261 111497289 111497317 BreastMcf7Rep2_cluster_9532; ACA13; + strand; Ticks on x-axis are at 28 nucleotides interval
	5001  485 chr5:111497177 111497205 111497233 111497261 111497289 111497317 CervixHelas3Rep1_cluster_11162; ACA13; + strand; Ticks on x-axis are at 28 nucleotides interval	761  564 chr5:111497177 111497205 111497233 111497261 111497289 111497317 CervixHelas3Rep2_cluster_11169; ACA13; + strand; Ticks on x-axis are at 28 nucleotides interval
	5681  329 chr5:111497177 111497205 111497233 111497261 111497289 111497317 EpitheliumA549Rep1_cluster_9476; ACA13; + strand; Ticks on x-axis are at 28 nucleotides interval	7821  329 chr5:111497177 111497205 111497233 111497261 111497289 111497317 EpitheliumA549Rep2_cluster_7619; ACA13; + strand; Ticks on x-axis are at 28 nucleotides interval
	191  443 chr5:111497177 111497205 111497233 111497261 111497289 111497317 EscH1hescRep1_cluster_8784; ACA13; + strand; Ticks on x-axis are at 28 nucleotides interval	171  524 chr5:111497177 111497205 111497233 111497261 111497289 111497317 EscH1hescRep2_cluster_10208; ACA13; + strand; Ticks on x-axis are at 28 nucleotides interval
	575  2120 chr5:111497177 111497205 111497233 111497261 111497289 111497317 LiverHepg2Rep1_cluster_4198; ACA13; + strand; Ticks on x-axis are at 28 nucleotides interval	531  2124 chr5:111497177 111497205 111497233 111497261 111497289 111497317 LiverHepg2Rep2_cluster_7379; ACA13; + strand; Ticks on x-axis are at 28 nucleotides interval
	5901  820 chr5:111497177 111497205 111497233 111497261 111497289 111497317 LungAg04450Rep1_cluster_10141; ACA13; + strand; Ticks on x-axis are at 28 nucleotides interval	4621  430 chr5:111497177 111497205 111497233 111497261 111497289 111497317 LungAg04450Rep2_cluster_11160; ACA13; + strand; Ticks on x-axis are at 28 nucleotides interval
	83381  986 chr5:111497177 111497205 111497233 111497261 111497289 111497317 SkinBjRep1_cluster_4435; ACA13; + strand; Ticks on x-axis are at 28 nucleotides interval	2671  419 chr5:111497177 111497205 111497233 111497261 111497289 111497317 SkinBjRep2_cluster_7879; ACA13; + strand; Ticks on x-axis are at 28 nucleotides interval
Identifer	bgP_111497177_111497315_chr5.conserved	NA
Cluster score	0.15	NA
Clusters	1,1,0,0,1,1,0,0,0,0,2,2,2,2,0,0,0,0	NA
Overlap	NA	

	Replicate 1	Replicate 2
	92791020453  chr6:284424092844239028442371284423522844233328442314 BloodGm12878Rep1_cluster_13061; chr6_Thr_TGT; - strand; Ticks on x-axis are at 19 nucleotides interval 1395720847  chr6:284424092844239028442371284423522844233328442314 BrainSknshraRep1_cluster_11926; chr6_Thr_TGT; - strand; Ticks on x-axis are at 19 nucleotides interval 13136612  chr6:284424092844239028442371284423522844233328442314 BreastMcf7Rep1_cluster_10567; chr6_Thr_TGT; - strand; Ticks on x-axis are at 19 nucleotides interval 543230668  chr6:284424092844239028442371284423522844233328442314 CervixHelas3Rep1_cluster_12592; chr6_Thr_TGT; - strand; Ticks on x-axis are at 19 nucleotides interval 906533790  chr6:284424092844239028442371284423522844233328442314 EpitheliumA549Rep1_cluster_10618; chr6_Thr_TGT; - strand; Ticks on x-axis are at 19 nucleotides interval 287201100  chr6:284424092844239028442371284423522844233328442314 EscH1hescRep1_cluster_9924; chr6_Thr_TGT; - strand; Ticks on x-axis are at 19 nucleotides interval 15197344264  chr6:284424092844239028442371284423522844233328442314 LiverHepg2Rep1_cluster_4816; chr6_Thr_TGT; - strand; Ticks on x-axis are at 19 nucleotides interval 11291327106  chr6:284424092844239028442371284423522844233328442314 LungAg04450Rep1_cluster_11388; chr6_Thr_TGT; - strand; Ticks on x-axis are at 19 nucleotides interval 10139237  chr6:284424092844239028442371284423522844233328442314 SkinBjRep1_cluster_5024; chr6_Thr_TGT; - strand; Ticks on x-axis are at 19 nucleotides interval	721471940656  chr6:284424092844239028442371284423522844233328442314 BloodGm12878Rep2_cluster_15574; chr6_Thr_TGT; - strand; Ticks on x-axis are at 19 nucleotides interval 1033719147  chr6:284424092844239028442371284423522844233328442314 BrainSknshraRep2_cluster_10506; chr6_Thr_TGT; - strand; Ticks on x-axis are at 19 nucleotides interval 362324244  chr6:284424092844239028442371284423522844233328442314 BreastMcf7Rep2_cluster_10710; chr6_Thr_TGT; - strand; Ticks on x-axis are at 19 nucleotides interval 305527473  chr6:284424092844239028442371284423522844233328442314 CervixHelas3Rep2_cluster_12579; chr6_Thr_TGT; - strand; Ticks on x-axis are at 19 nucleotides interval 903015952  chr6:284424092844239028442371284423522844233328442314 EpitheliumA549Rep2_cluster_8596; chr6_Thr_TGT; - strand; Ticks on x-axis are at 19 nucleotides interval 2721190130  chr6:284424092844239028442371284423522844233328442314 EscH1hescRep2_cluster_11502; chr6_Thr_TGT; - strand; Ticks on x-axis are at 19 nucleotides interval 5224495356  chr6:284424092844239028442371284423522844233328442314 LiverHepg2Rep2_cluster_8364; chr6_Thr_TGT; - strand; Ticks on x-axis are at 19 nucleotides interval 12087443167  chr6:284424092844239028442371284423522844233328442314 LungAg04450Rep2_cluster_12464; chr6_Thr_TGT; - strand; Ticks on x-axis are at 19 nucleotides interval 1719179123  chr6:284424092844239028442371284423522844233328442314 SkinBjRep2_cluster_8859; chr6_Thr_TGT; - strand; Ticks on x-axis are at 19 nucleotides interval
Identifier	bgN_28442317_28442377_chr6.conserved	NA
Cluster score	0.15	NA
Clusters	2,2,2,2,2,2,2,2,2,2,2,1,1,2,2,2,2	NA
Overlap	NA	

	Replicate 1 1 193082462499 chr8:124169547124169529124169511124169493124169475124169457 BloodGm12878Rep1_cluster_14943; chr8_Met_CAT; - strand; Ticks on x-axis are at 18 nucleotides interval 1 1451095733 chr8:124169547124169529124169511124169493124169475124169457 BrainSknshraRep1_cluster_13733; chr8_Met_CAT; - strand; Ticks on x-axis are at 18 nucleotides interval 2 268051061 chr8:124169547124169529124169511124169493124169475124169457 BreastMcf7Rep1_cluster_12083; chr8_Met_CAT; - strand; Ticks on x-axis are at 18 nucleotides interval 1 12035452484 chr8:124169547124169529124169511124169493124169475124169457 CervixHelas3Rep1_cluster_14408; chr8_Met_CAT; - strand; Ticks on x-axis are at 18 nucleotides interval 3 2651164589 chr8:124169547124169529124169511124169493124169475124169457 EpitheliumA549Rep1_cluster_12175; chr8_Met_CAT; - strand; Ticks on x-axis are at 18 nucleotides interval 2 136545145 chr8:124169547124169529124169511124169493124169475124169457 EscH1hescRep1_cluster_11500; chr8_Met_CAT; - strand; Ticks on x-axis are at 18 nucleotides interval 1 7005614174 chr8:124169547124169529124169511124169493124169475124169457 LiverHepg2Rep1_cluster_5535; chr8_Met_CAT; - strand; Ticks on x-axis are at 18 nucleotides interval 1 7211421007 chr8:124169547124169529124169511124169493124169475124169457 LungAg04450Rep1_cluster_13092; chr8_Met_CAT; - strand; Ticks on x-axis are at 18 nucleotides interval 1 359955161 chr8:124169547124169529124169511124169493124169475124169457 SkinBjRep1_cluster_5740; chr8_Met_CAT; - strand; Ticks on x-axis are at 18 nucleotides interval Identifer bgN_124169458_124169547_chr8.conserved Cluster score 0.15 Clusters 4,4,0,0,2,2,0,0,0,0,3,3,1,1,2,2,3,3 Overlap NA	Replicate 2 2 2710114355444 chr8:124169547124169529124169511124169493124169475124169457 BloodGm12878Rep2_cluster_17844; chr8_Met_CAT; - strand; Ticks on x-axis are at 18 nucleotides interval 2 2391095598 chr8:124169547124169529124169511124169493124169475124169457 BrainSknshraRep2_cluster_12050; chr8_Met_CAT; - strand; Ticks on x-axis are at 18 nucleotides interval 1 10229942474 chr8:124169547124169529124169511124169493124169475124169457 BreastMcf7Rep2_cluster_12285; chr8_Met_CAT; - strand; Ticks on x-axis are at 18 nucleotides interval 1 372373481313 chr8:124169547124169529124169511124169493124169475124169457 CervixHelas3Rep2_cluster_14438; chr8_Met_CAT; - strand; Ticks on x-axis are at 18 nucleotides interval 3 40562601 chr8:124169547124169529124169511124169493124169475124169457 EpitheliumA549Rep2_cluster_9843; chr8_Met_CAT; - strand; Ticks on x-axis are at 18 nucleotides interval 2 61742268 chr8:124169547124169529124169511124169493124169475124169457 EscH1hescRep2_cluster_13302; chr8_Met_CAT; - strand; Ticks on x-axis are at 18 nucleotides interval 1 10136085183 chr8:124169547124169529124169511124169493124169475124169457 LiverHepg2Rep2_cluster_9586; chr8_Met_CAT; - strand; Ticks on x-axis are at 18 nucleotides interval 2 10612671077 chr8:124169547124169529124169511124169493124169475124169457 LungAg04450Rep2_cluster_14322; chr8_Met_CAT; - strand; Ticks on x-axis are at 18 nucleotides interval 1 3131671560 chr8:124169547124169529124169511124169493124169475124169457 SkinBjRep2_cluster_10165; chr8_Met_CAT; - strand; Ticks on x-axis are at 18 nucleotides interval NA NA NA
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