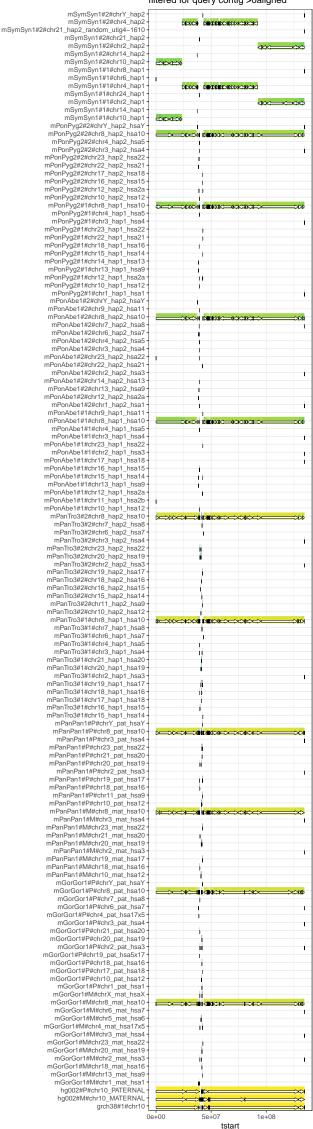
aligned to chm13#1#chr1 filtered for query contig >0aligned ١ h 0.0e+00 5.0e+07 1.0e+08 2.0e+08 2.5e+08 1.5e+08 tstart

aligned to chm13#1#chr10 filtered for query contig >0aligned DECEMBER DESCRIPTION OF THE PROPERTY OF THE PR 400 DIDICOL DINODONICHICAN



aligned to chm13#1#chr11 filtered for query contig >0aligned mSymSyn1#2#chrY_hap2 mSymSyn1#2#chr9_hap2 mSymSyn1#2#chr6_hap2 mSymSyn1#2#chr3_hap2 mSvmSvn1#2#chr23 hap2 mSymSyn1#2#chr21_hap2 mSymSyn1#2#chr20_hap2 mSymSyn1#2#chr13_hap2 mSymSyn1#2#chr11_hap2 ı mSymSyn1#2#chr1_hap2 mSymSyn1#1#chr9_hap1 mSymSyn1#1#chr6_hap1 mSymSyn1#1#chr5_hap1 mSymSyn1#1#chr3_hap1 mSymSyn1#1#chr24_hap1 mSymSyn1#1#chr23_hap1 mSymSyn1#1#chr22_hap1 mSymSyn1#1#chr21_hap1 mSymSyn1#1#chr14 hap1 mSymSyn1#1#chr12_hap1 mSymSyn1#1#chr11_hap1 mSymSyn1#1#chr1 hap1 mPonPyg2#2#chrY_hap2_hsaY mPonPyg2#2#chr9_hap2_hsa11 mPonPyg2#2#chr8_hap2_hsa10 mPonPyg2#2#chr7_hap2_hsa8 mPonPyg2#2#chr6_hap2_hsa7 mPonPyg2#2#chr4_hap2_hsa5 mPonPyg2#2#chr3_hap2_hsa4 · mPonPyg2#2#chr19_hap2_hsa17 mPonPyg2#2#chr18_hap2_hsa16 mPonPyg2#2#chr16_hap2_hsa15 mPonPyg2#2#chr1_hap2_hsa1 mPonPyg2#1#chr9_hap1_hsa11 mPonPyg2#1#chr8_hap1_hsa10 mPonPyg2#1#chr6_hap1_hsa7 mPonPyg2#1#chr4_hap1_hsa5 mPonPyg2#1#chr3_hap1_hsa4 mPonPyg2#1#chr23_hap1_hsa22 mPonPyg2#1#chr21_hap1_hsa20 mPonPyg2#1#chr19_hap1_hsa17 mPonPva2#1#chr18 hap1 hsa16 mPonPyg2#1#chr16_hap1_hsa15 mPonPyg2#1#chr15_hap1_hsa14 · mPonPyg2#1#chr12_hap1_hsa2a mPonPyg2#1#chr11 hap1 hsa2b mPonPyg2#1#chr10_hap1_hsa12 mPonPyg2#1#chr1_hap1_hsa1 mPonAbe1#2#chr9_hap2_hsa11 mPonAbe1#2#chr8_hap2_hsa10 mPonAbe1#2#chr7_hap2_hsa8 mPonAbe1#2#chr6 hap2 hsa7 mPonAbe1#2#chr4_hap2_hsa5 mPonAbe1#2#chr18_hap2_hsa16 mPonAbe1#2#chr16_hap2_hsa15 mPonAbe1#2#chr10_hap2_hsa12 mPonAbe1#2#chr1_hap2_hsa1 mPonAbe1#1#chr9_hap1_hsa11 mPonAbe1#1#chr8 hap1 hsa10 mPonAbe1#1#chr7_hap1_hsa8 mPonAbe1#1#chr6_hap1_hsa7 mPonAbe1#1#chr4 hap1 hsa5 mPonAbe1#1#chr3_hap1_hsa4 mPonAbe1#1#chr23_hap1_hsa22 mPonAbe1#1#chr21 hap1 hsa20 mPonAbe1#1#chr20_hap1_hsa19 mPonAbe1#1#chr19_hap1_hsa17 mPonAbe1#1#chr18_hap1_hsa16 mPonAbe1#1#chr16_hap1_hsa15 · mPonAbe1#1#chr12_hap1_hsa2a mPonAbe1#1#chr10_hap1_hsa12 mPonAbe1#1#chr1 hap1 hsa1 mPanTro3#2#chr9_hap2_hsa11 mPanTro3#2#chr8_hap2_hsa10 mPanTro3#2#chr3_hap2_hsa8 · mPanTro3#2#chr3_hap2_hsa4 · mPanTro3#2#chr13_hap2_hsa2b mPanTro3#1#chr9_hap1_hsa11 mPanTro3#1#chr3 hap1 hsa4 mPanTro3#1#chr19_hap1_hsa17 mPanTro3#1#chr17_hap1_hsa18 mPanPan1#P#chr9 pat hsa11 mPanPan1#P#chr7_pat_hsa8 · mPanPan1#P#chr3_pat_hsa mPanPan1#P#chr16_pat_hsa15 mPanPan1#M#chr9_mat_hsa11 mPanPan1#M#chr7_mat_hsa8 mPanPan1#M#chr3 mat hsa4 mPanPan1#M#chr17_mat_hsa18 mGorGor1#P#chr9_pat_hsa11 GorGor1#P#chr4_pat_hsa17x5 mGorGor1#P#chr3 pat hsa4 mGorGor1#P#chr2_pat_hsa3 mGorGor1#P#chr16_pat_hsa15 mGorGor1#M#chr9 mat hsa11 mGorGor1#M#chr7_mat_hsa8 GorGor1#M#chr4_mat_hsa17x5 mGorGor1#M#chr3_mat_hsa4 mGorGor1#M#chr16_mat_hsa15 hg002#P#chr9_PATERNAL hg002#P#chr4_PATERNAL hg002#P#chr11 PATERNAL hg002#M#chr3_MATERNAL hg002#M#chr11_MATERNAL grch38#1#chr6 grch38#1#chr11 1e+08 -00 -07

0.95

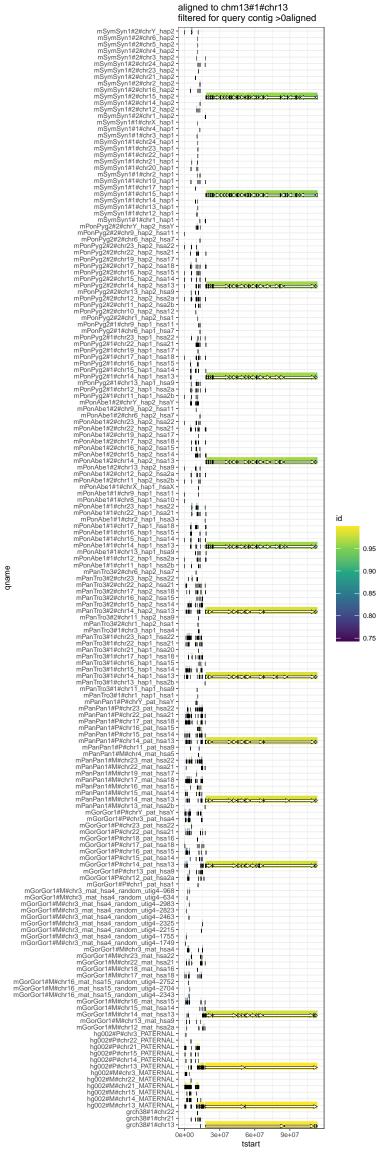
0.90

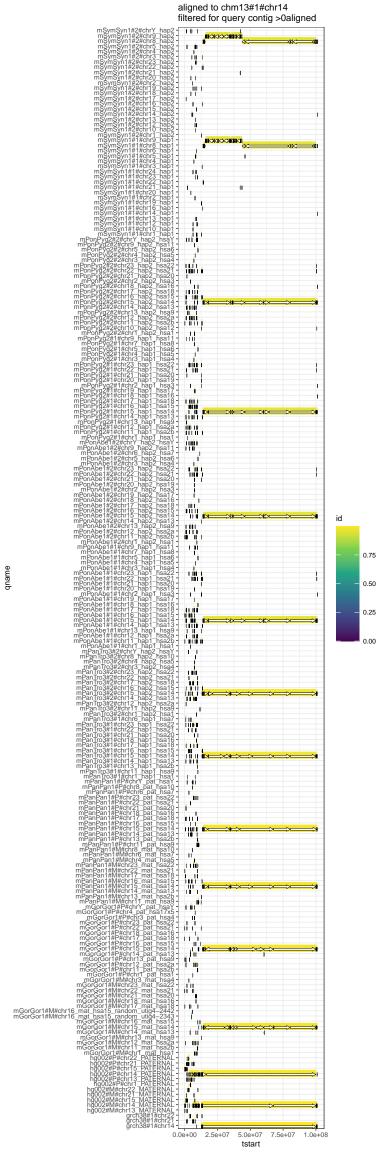
0.85

0.80

aligned to chm13#1#chr12 filtered for query contig >0aligned mSymSyn1#2#chr5 hap2 mSymSyn1#2#chr6_hap2 mSymSyn1#2#chr23_hap2 mSymSyn1#2#chr2_hap2 mSymSyn1#2#chr12_hap2 mSymSyn1#2#chr19_hap2 mSymSyn1#2#chr15_hap2 mSymSyn1#2#chr15_hap2 mSymSyn1#2#chr13_hap2 mSymSyn1#2#chr13_hap2 mSymSyn1#2#chr12_hap2 mSymSyn1#2#chr11_hap2 mSymSyn1#2#chr11_hap2 mSymSyn1#2#chr10_hap2 mSymSyn1#2#chr1_hap2 mSymSyn1#1#chr9_hap1 mSymSyn1#1#chr5_hap1 mSymSyn1#1#chr2_hap1 mSymSyn1#1#chr19_hap1 mSymSyn1#1#chr19_hap1 mSymSynt##chr19_hap1mSymSynt##chr17_hap1mSymSynt##dchr17_hap1mSymSynt##dchr15_hap1mSymSynt##dchr15_hap1mSymSynt##dchr16_hap1mSymSynt##dchr16_hap1mSymSynt##dchr16_hap1_hap2_has1mPonPyg2##2#chr18_hap2_has1mPonPyg2##2#chr18_hap2_has1mPonPyg2##2#chr2_hap2_has4mPonPyg2##2#chr2_hap2_has4mPonPyg2##2#chr18_hap2_has1mPonPyg2##2#chr18_hap2_has1mPonPyg2##2#chr18_hap2_has1mPonPyg2##2#chr18_hap2_has1mPonPyg2##2#chr18_hap2_has1mPonPyg2##2#chr16_hap2_has1mPonPyg2##2#chr16_hap2_has1mPonPyg2###chr16_hap2_has1mPonPyg2###chr16_hap1_has2mPonPyg2###chr16_hap1_has4mPonPyg2###chr18_hap1_has1mPonPyg2###chr18_hap1_has1mPonPyg2###chr18_hap1_has1mPonPyg2###chr18_hap1_has1mPonPyg2###chr18_hap1_has1mPonPyg2###chr15_hap1_has1mPonPyg2###chr15_hap1_has1mPonPyg2###chr15_hap1_has1mPonPyg2###chr11_hap1_has mPonAbe##2#chr4_hap2_hsaf7 mPonAbe##2#chr19_hap2_hsaf1 mPonAbe1#2#chr18_hap2_hsaf16 mPonAbe1#2#chr16_hap2_hsaf16 mPonAbe1#2#chr15_hap2_hsaf14 mPonAbe1#2#chr14_hap2_hsaf18 mPonAbe1#2#chr14_hap2_hsaf18 mPonAbe1#2#chr10_hap2_hsaf18 mPonAbe1#2#chr10_hap2_hsaf18 mPonAbe1#2#chr10_hap2_hsaf18 mPonAbe1#2#chr10_hap1_hsaf18 mPonAbe1##dhr4hghap1_hsaf1 mPonAbe1#1#chrtX_hap1_hsat1 mPonAbe1#1#chrt8_hap1_hsat1 mPonAbe1#1#chrt8_hap1_hsat0 mPonAbe1#1#chrt6_hap1_hsa8 mPonAbe1#1#chrt2_hap1_hsa2 mPonAbe1#1#chrt2_hap1_hsa20 mPonAbe1#1#chrt18_hap1_hsa10 mPonAbe1#1#chrt18_hap1_hsa10 mPonAbel##kchr19_hap1_hsa17 mPonAbel##kchr19_hap1_hsa18 mPonAbel##kchr17_hap1_hsa18 mPonAbel##kchr12_hap1_hsa18 mPonAbel##kchr12_hap1_hsa2a mPonAbel##kchr12_hap1_hsa2a mPonAbel##kchr12_hap1_hsa12 mPonAbel##kchr12_hap1_hsa12 mPonAbel##kchr12_hap1_hsa12 mPonAbel##kchr12_hap1_hsa10 mPanTro3#2kchr12_hap2_hsa10 mPanTro3#2kchr16_hap2_hsa16 mPanTro3#2kchr16_hap2_hsa16 mPanTro3#2#chr16_hap2_hsa15
mPanTro3#2#chr16_hap2_hsa15
mPanTro3#2#chr16_hap2_hsa14
mPanTro3#2#chr16_hap2_hsa12
mPanTro3#2#chr1_hap2_hsa1
mPanTro3#1#chr8_hap1_hsa10
mPanTro3#1#chr8_hap1_hsa5
mPanTro3#1#chr2_hap1_hsa2
mPanTro3#1#chr2_hap1_hsa2
mPanTro3#1#chr12_hap1_hsa3
mPanTro3#1#chr12_hap1_hsa18
mPanTro3#1#chr17_hap1_hsa18
mPanTro3#1#chr17_hap1_hsa18
mPanTro3#1#chr16_hap1_hsa12
mPanTro3#1#chr16_hap1_hsa18
mPanTro3#1#P#chr21_pa1_hsa28
mPanPan1#P#chr16_pa1_hsa28
mPanPan1#P#chr16_pa1_hsa18
mPanPan1#P#chr16_pa1_hsa18 mHanHani#HarinZ_pat_hsai4 mPanPani#P#chr15_pat_hsai4 mPanPani#P#chr10_pat_hsai2 mPanPani#M#chr10_mat_hsai0 mPanPani#M#chr23_mat_hsai2 mPanPani#M#chr15_mat_hsai6 mPanPani#M#chr15_mat_hsai6 mPanPani#M#chr15_mat_hsai4 mPanPant#M#chr10_mat_hsa12 mPanPant#M#chr10_mt_hsa12 mGorGor1#P#chr2_pat_hsa2 mGorGor1#P#chr2_pat_hsa8 mGorGor1#P#chr6_pat_hsa8 mGorGor1#P#chr6_pat_hsa6 mGorGor1#P#chr20_pat_hsa19 mGorGor1#P#chr10_pat_hsa12 mGorGor1#P#chr10_pat_hsa12 mGorGor1#P#chr10_pat_hsa11 mGorGor1#P#chr10_pat_hsa11 mGorGor1#P#chr10_pat_hsa11 mGorGor1#P#chr1_pat_hsa1 mGorGor1#M#chr6_mat_hsa7 mGorGor1#M#chr2_mat_hsa20 mGorGor1#M#chr2_mat_hsa19 mGorGor1#M#chr2_mat_hsa19 mGorGor1#M#chr10_mat_hsa12 mGorGor1#M#chr10_mat_hsa12 mGorGor1#M#chr10_mat_hsa12 mGorGor1#M#chr1_mat_hsa1 hg002#P#chr12_PATERNAL hg002#M#chr12_MATERNAL grch38#1#chr12 1e+08 5e+07 +00 tstart

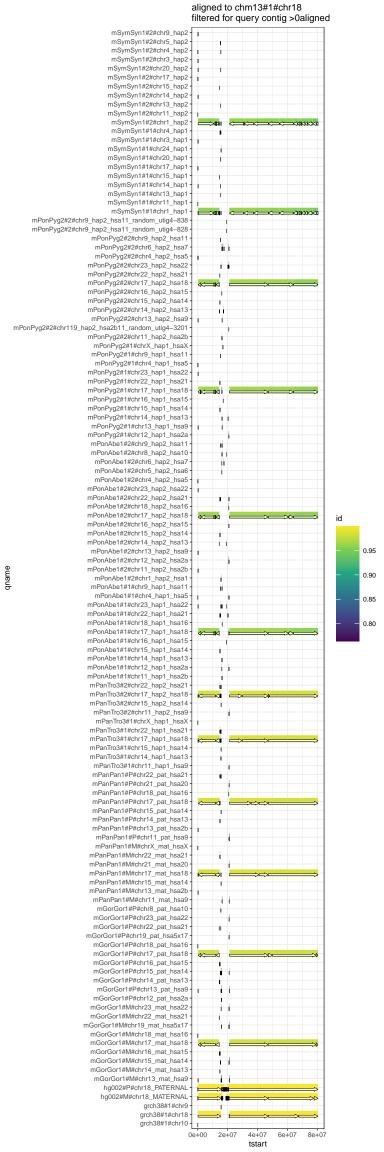
id





aligned to chm13#1#chr16 filtered for query contig >0aligned mSymSyn1#2#chr9_hap2 mSymSyn1#2#chr5_hap2 mSymSyn1#2#chr20_hap2 mSymSyn1#2#chr19_hap2 mSymSyn1#2#chr18_hap2 mSymSyn1#2#chr16_hap2 mSymSyn1#2#chr14_hap2 mSymSyn1#2#chr14_hap2 <1440 I mSymSyn1#2#chr13_hap2 mSvmSvn1#2#chr11 hap2 mSymSyn1#2#chr11_hap2 mSymSyn1#1#chr9_hap1 mSymSyn1#1#chr7_hap1 mSymSyn1#1#chr6_hap1 mSymSyn1#1#chr20_hap1 mSymSyn1#1#chr19_hap1 mSymSyn1#1#chr19_hap1 mSymSyn1#1#chr14_hap1 mSymSyn1#1#chr14_hap1 mSymSyn1#1#chr18_hap1
mSymSyn1#1#chr14_hap1
mSymSyn1#1#chr14_hap1
mSymSyn1#1#chr14_hap1
mPonPyg2#2#chr19_hap2_hsa11
mPonPyg2#2#chr18_hap2_hsa10
mPonPyg2#2#chr18_hap2_hsa16
mPonPyg2#2#chr17_hap2_hsa18
mPonPyg2#2#chr17_hap2_hsa18
mPonPyg2#2#chr16_hap2_hsa18
mPonPyg2#2#chr16_hap2_hsa13
mPonPyg2#2#chr11_hap2_hsa14
mPonPyg2#2#chr12_hap2_hsa2
mPonPyg2#2#chr12_hap2_hsa2
mPonPyg2#1#chr18_hap2_hsa1
mPonPyg2#1#chr18_hap1_hsa10
mPonPyg2#1#chr18_hap1_hsa10
mPonPyg2#1#chr18_hap1_hsa16
mPonPyg2#1#chr18_hap1_hsa18
mPonPyg2#1#chr18_hap1_hsa18
mPonPyg2#1#chr18_hap1_hsa18
mPonPyg2#1#chr18_hap1_hsa13
mPonPyg2#1#chr18_hap1_hsa13
mPonPyg2#1#chr14_hap1_hsa13
mPonPyg2#1#chr14_hap1_hsa13
mPonPyg2#1#chr14_hap1_hsa13
mPonPyg2#1#chr14_hap1_hsa13
mPonPyg2#1#chr14_hap1_hsa13
mPonAb1#2#chr18_hap1_hsa13
mPonAb1#2#chr18_hap2_hsa2
mPonAb1#2#chr2_hap2_hsa4
mPonAb1#2#chr2_hap2_hsa4
mPonAb1#2#chr2_hap2_hsa4
mPonAb1#2#chr2_hap2_hsa4
mPonAb1#2#chr2_hap2_hsa4
mPonAb1#2#chr2_hap2_hsa4
mPonAb1#2#chr2_hap2_hsa4
mPonAb1#2#chr2_hap2_hsa4
mPonAb1#2#chr2_hap2_hsa5 × ××+ mPonAbe1#2#chr23_hap2_hsa22 mPonAbe1#2#chr22_hap2_hsa21 mPonAbe1#2#chr12_hap2_hsa17 mPonAbe1#2#chr19_hap2_hsa17 mPonAbe1#2#chr18_hap2_hsa16 mPonAbe1#2#chr16_hap2_hsa18 mPonAbe1#2#chr16_hap2_hsa13 mPonAbe1#2#chr16_hap2_hsa13 mPonAbe1#2#chr14_hap2_hsa13 mPonAbe1#2#chr14_hap2_hsa13 CIC-XINTAIN ~~~~ mPonAbe1#2#chr13_hap2_hsa9
mPonAbe1#2#chr12_hap2_hsa2a
mPonAbe1#1#chr12_hap1_hsa1
mPonAbe1#1#chr19_hap1_hsa1
mPonAbe1#1#chr12_hap1_hsa1
mPonAbe1#1#chr12_hap1_hsa1
mPonAbe1#1#chr12_hap1_hsa1
mPonAbe1#1#chr12_hap1_hsa1
mPonAbe1#1#chr12_hap1_hsa16
mPonAbe1#1#chr18_hap1_hsa16
mPonAbe1#1#chr18_hap1_hsa16
mPonAbe1#1#chr18_hap1_hsa15
mPonAbe1#1#chr14_hap1_hsa13
mPonAbe1#1#chr14_hap1_hsa13
mPonAbe1#1#chr14_hap1_hsa14
mPonAbe1#1#chr14_hap1_hsa14
mPonAbe1#1#chr15_hap1_hsa14
mPonAbe1#1#chr15_hap1_hsa14
mPonAbe1#1#chr16_hap1_hsa16
mPanTro3#2#chr18_hap2_hsa7
mPanTro3#2#chr8_hap2_hsa7
mPanTro3#2#chr8_hap2_hsa10
mPanTro3#2#chr6_hap2_hsa10 OF THE BUILDING mPanTro3#2#chr8_hap2_hsa10
mPanTro3#2#chr6_hap2_hsa7
mPanTro3#2#chr6_hap2_hsa5
mPanTro3#2#chr2_hap2_hsa5
mPanTro3#2#chr2_hap2_hsa20
mPanTro3#2#chr20_hap2_hsa19
mPanTro3#2#chr10_hap2_hsa19
mPanTro3#2#chr10_hap2_hsa14
mPanTro3#2#chr10_hap2_hsa41
mPanTro3#2#chr10_hap2_hsa9
mPanTro3#2#chr10_hap2_hsa9
mPanTro3#2#chr10_hap2_hsa12
mPanTro3#2#chr10_hap2_hsa11
mPanTro3#1#chr6_hap1_hsa6
mPanTro3#1#chr6_hap1_hsa6
mPanTro3#1#chr6_hap1_hsa6
mPanTro3#1#chr6_hap1_hsa6 0.90 0.85 mPanTro3#1#chr2_hap1_hsa10
mPanTro3#1#chr21_hap1_hsa10
mPanTro3#1#chr2_hap1_hsa19
mPanTro3#1#chr12_hap1_hsa19
mPanTro3#1#chr12_hap1_hsa17
mPanTro3#1#chr18_hap1_hsa14
mPanTro3#1#chr15_hap1_hsa14
mPanTro3#1#chr12_hap1_hsa12
mPanTro3#1#chr11_hap1_hsa12
mPanTro3#1#chr10_hap1_hsa12
mPanTro3#1#chr10_hap1_hsa11
mPanPan1#chr10_hap1_hsa11
mPanPan1#P#chr19_pa1_hsa11
mPanPan1#P#chr19_pa1_hsa11
mPanPan1#P#chr19_pa1_hsa11
mPanPan1#P#chr19_pa1_hsa11 mPanPan1#P#chr6_pat_hsa7 mPanPan1#P#chr4_pat_hsa5 mPanPan1#P#chr4_pat_hsab mPanPan1#P#chr23_pat_hsa22 mPanPan1#P#chr19_pat_hsa17 mPanPan1#P#chr19_pat_hsa17 mPanPan1#P#chr19_pat_hsa16 mPanPan1#P#chr15_pat_hsa14 mPanPan1#P#chr12_pat_hsa2a mPanPan1#M#chrX_mat_hsaX mPanPan1#M#chrX_mat_hsaX mPanPan1#M#chrX_mat_hsaX mPanPan1#M#chrB_mat_hsa10 mPanPan1#M#chrB_mat_hsa4 mPanPan1#M#chr3_mat_hsa4 mPanPan1#M#chr2_mat_hsa19 mPanPan1#M#chr19_mat_hsa17 mPanPan1#M#chr19_mat_hsa17 mPanPan1#M#chr18_mat_hsa16 mPanPan1#M#chr18_mat_hsa16
mPanPan1#M#chr15_mat_hsa24
mPanPan1#M#chr15_mat_hsa2a
mGorGor1#P#chr9_pat_hsa17
mGorGor1#P#chr9_pat_hsa11
mGorGor1#P#chr6_pat_hsa10
mGorGor1#P#chr6_pat_hsa10
mGorGor1#P#chr6_pat_hsa16
mGorGor1#P#chr4_pat_hsa17
mGorGor1#P#chr4_pat_hsa17
mGorGor1#P#chr1_pat_hsa16
mGorGor1#P#chr1_pat_hsa16
mGorGor1#P#chr1_pat_hsa11
mGorGor1#P#chr1_pat_hsa11
mGorGor1#M#chr8_mat_hsa11
mGorGor1#M#chr8_mat_hsa17
mGorGor1#M#chr8_mat_hsa17 mGorGorl#M#chn6 mat, hsa77-mGorGorl#M#chn2_mat_hsa21-mGorGorl#M#chn2_mat_hsa21-mGorGorl#M#chn19_mat_hsa541-mGorGorl#M#chn19_mat_hsa541-mGorGorl#M#chn11_mat_hsa10-mGorGorl#M#chn11_mat_hsa10-mGorGorl#M#chn1_mat_hsa10-hg002#P#chn16_PATERNAL-hg002#P#chn16_PATERNAL-grch38#1#chn16_ , 191 D (MODE DE MODE 5.0e+07 7.5e+07 0.0e+00 2.5e+07 1.0e+08 tstart

aligned to chm13#1#chr17 filtered for query contig >0aligned mSymSyn1#2#chr9_hap2 mSymSyn1#2#chr5 hap2 mSymSyn1#2#chr3_hap2 mSymSyn1#2#chr23_hap2 mSymSyn1#2#chr20_hap2 ФK08C⇒C=000 | | mSymSyn1#2#chr2_hap2 mSvmSvn1#2#chr16 hap2 mSymSyn1#2#chr14_hap2 mSymSyn1#2#chr12_hap2 mSymSyn1#1#chr9_hap1 mSymSyn1#1#chr5_hap1 mSymSyn1#1#chr3 hap1 mSymSyn1#1#chr23_hap1 mSymSyn1#1#chr20_hap1 mSymSyn1#1#chr2_hap1 mSvmSvn1#1#chr16 hap1 mSymSyn1#1#chr14_hap1 ØK**=8**0⇒X mSymSyn1#1#chr12_hap1 mPonPyg2#2#chr4_hap2_hsa5 mPonPyg2#2#chr3 hap2 hsa4 mPonPyg2#2#chr23 hap2 hsa22 mPonPyg2#2#chr22_hap2_hsa21 mPonPyg2#2#chr19_hap2_hsa17 mPonPyg2#2#chr17_hap2_hsa18 mPonPvg2#2#chr16 hap2 hsa15 mPonPyg2#2#chr14_hap2_hsa13 mPonPyg2#2#chr13_hap2_hsa9 mPonPyg2#2#chr12_hap2_hsa2a mPonPyg2#1#chr7_hap1_hsa8 mPonPyg2#1#chr6 hap1 hsa7 mPonPyg2#1#chr4_hap1_hsa5 mPonPyg2#1#chr3_hap1_hsa4 mPonPyg2#1#chr23_hap1_hsa22 mPonPvg2#1#chr22 hap1 hsa21 mPonPyg2#1#chr20_hap1_hsa19 mPonPyg2#1#chr19_hap1_hsa17 CONTRACTOR mPonPyg2#1#chr17_hap1_hsa18 mPonPyg2#1#chr16_hap1_hsa15 mPonPyg2#1#chr15 hap1 hsa14 mPonPyg2#1#chr14_hap1_hsa13 mPonAbe1#2#chrY_hap2_hsaY mPonAbe1#2#chr9_hap2_hsa11 mPonAbe1#2#chr8 hap2 hsa10 mPonAbe1#2#chr6_hap2_hsa7 onAbe1#2#chr23_hap2_hsa22 mPonAbe1#2#chr22_hap2_hsa21 mPonAbe1#2#chr19_hap2_hsa17 mPonAbe1#2#chr16 hap2 hsa15 mPonAbe1#2#chr15_hap2_hsa14 mPonAbe1#2#chr12_hap2_hsa2a mPonAbe1#2#chr1_hap2_hsa1 mPonAbe1#1#chr8 hap1 hsa10 mPonAbe1#1#chr7_hap1_hsa8 mPonAbe1#1#chr6_hap1_hsa7 mPonAbe1#1#chr4_hap1_hsa5 mPonAbe1#1#chr23_hap1_hsa22 mPonAbe1#1#chr22 hap1 hsa21 mPonAbe1#1#chr2_hap1_hsa3 mPonAbe1#1#chr19_hap1_hsa17 mPonAbe1#1#chr17_hap1_hsa18 mPonAbe1#1#chr16 hap1 hsa15 mPonAbe1#1#chr14_hap1_hsa13 mPonAbe1#1#chr13_hap1_hsa9 mPonAbe1#1#chr12_hap1_hsa2a mPonAbe1#1#chr11_hap1_hsa2b mPanTro3#2#chr8 hap2 hsa10 mPanTro3#2#chr5_hap2_hsa6 mPanTro3#2#chr19_hap2_hsa17 mPanTro3#2#chr12_hap2_hsa2a mPanTro3#2#chr1 hap2 hsa1 mPanTro3#1#chr9_hap1_hsa11 mPanTro3#1#chr5_hap1_hsa6 mPanTro3#1#chr19_hap1_hsa17 mPanTro3#1#chr18_hap1_hsa16 mPanTro3#1#chr12 hap1 hsa2a mPanTro3#1#chr1_hap1_hsa1 mPanPan1#P#chr9_pat_hsa11 mPanPan1#P#chr8_pat_hsa10 mPanPan1#P#chr5 pat hsa6 mPanPan1#P#chr19_pat_hsa17 mPanPan1#P#chr14_pat_hsa13 mPanPan1#P#chr1_pat_hsa1 mPanPan1#M#chr8 mat hsa10 mPanPan1#M#chr6 mat hsa7 mPanPan1#M#chr19_mat_hsa17 mPanPan1#M#chr12_mat_hsa2a mGorGor1#P#chrY_pat_hsaY mGorGor1#P#chr6_pat_hsa7 mGorGor1#P#chr4_pat_hsa17x5 mGorGor1#P#chr3_pat_hsa4 mGorGor1#P#chr2_pat_hsa3 mGorGor1#P#chr19_pat_hsa5x17 mGorGor1#P#chr18 pat hsa16 mGorGor1#P#chr17_pat_hsa18 mGorGor1#M#chrX_mat_hsaX mGorGor1#M#chr4_mat_hsa17x5 mGorGor1#M#chr2_mat_hsa3 mGorGor1#M#chr19 mat hsa5x17 mGorGor1#M#chr18_mat_hsa16 п mGorGor1#M#chr16_mat_hsa15 hg002#P#chr17_PATERNAL hg002#M#chr17_MATERNAL grch38#1#chr17 (KKX 6e+07 0e+00 2e+07 4e+07 8e+07 tstart

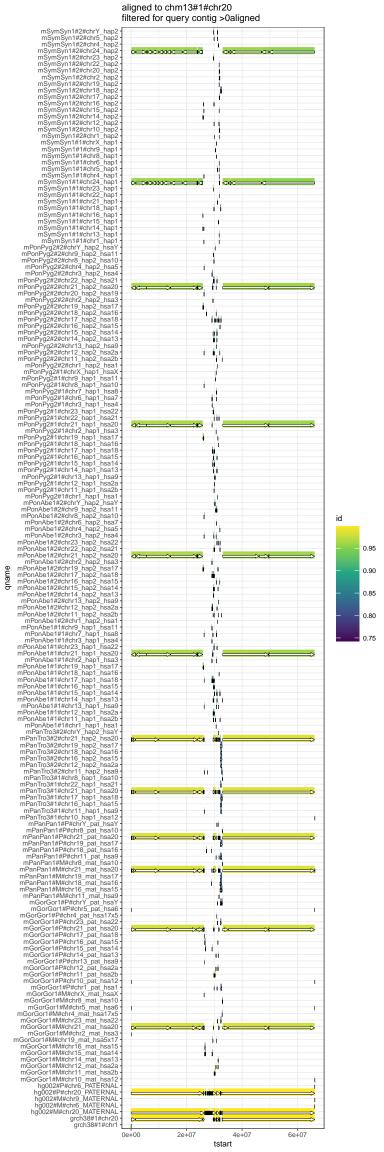


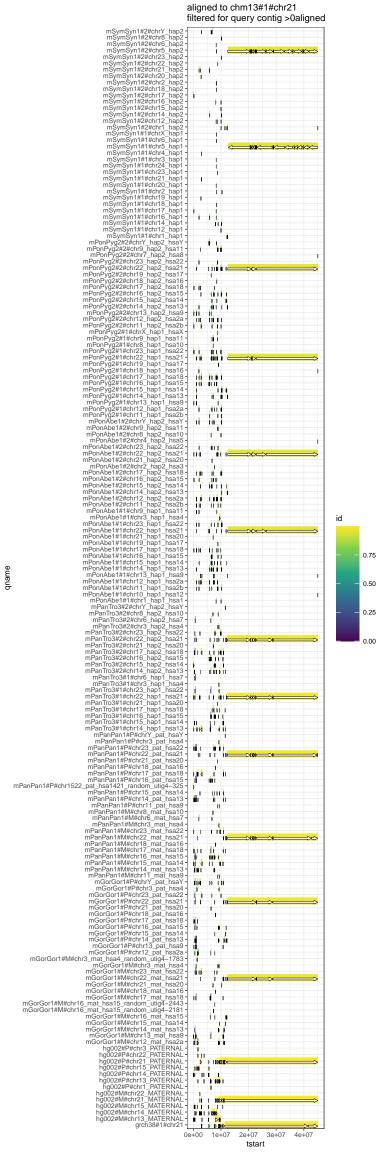
aligned to chm13#1#chr19 filtered for query contig >0aligned mSymSyn1#2#chr5 hap2 mSymSyn1#2#cht5, hap2 mSymSyn1#2#chr21_hap2 mSymSyn1#2#chr18_hap2 mSymSyn1#2#chr17_hap2 mSymSyn1#2#chr11_hap2 mSymSyn1#2#chr11_hap2 mSymSyn1#1#chr24_hap1 mSymSyn1#1#chr24_hap1 mSymSyn1#1#chr17_hap1 mSymSyn1#1#chr17_hap1 men aranna mSymSyn1f4/bch13_hap1 mSymSyn1f4/bch11_hap1 mSymSyn1f4/bch11_hap1 mPonPyg2#2/bchr4_hap2_hsa18 mPonPyg2#2/bchr4_hap2_hsa2 mPonPyg2#2/bchr12_hap2_hsa20 mPonPyg2#2/bchr12_hap2_hsa10 mPonPyg2#2/bchr12_hap1_ssa20 mPonPyg2#2/bchr12_hap1_ssa20 mPonPyg2#2#chr20_hap2_hsa13-mPonPyg2#2#chr19_hap2_hsa15-mPonPyg2#2#chr18_hap2_hsa16-mPonPyg2#2#chr17_hap2_hsa16-mPonPyg2#2#chr16_hap2_hsa16-mPonPyg2#2#chr15_hap2_hsa14-mPonPyg2#2#chr14_hap2_hsa13-mPonPyg2#2#chr14_hap2_hsa13-mPonPyg2#2#chr12_hap2_hsa2-mPonPyg2#2#chr10_hap2_hsa12-mPonPyg2#2#chr10_hap2_hsa12-mPonPyg2#2#chr10_hap2_hsa17-mPonPyg2#2#chr10_hap2_hsa11-mPonPyg2#2#chr10_hap2_hsa11-mPonPyg2#2#chr10_hap2_hsa11-mPonPyg2#2#chr10_hap2_hsa11-mPonPyg2###chr9_hap1_hsa11 mPonPyg2#1#chr9_hap1_hsa11 mPonPyg2#1#chr8_hap1_hsa10 mPonPyg2#1#chr7_hap1_hsa8 mPonPyg2#1#chr3_hap1_hsa21 mPonPyg2#1#chr21_hap1_hsa221 mPonPyg2#1#chr21_hap1_hsa221 mPonPyg2#1#chr21_hap1_hsa20
mPonPyg2#1#chr21_hap1_hsa19
mPonPyg2#1#chr18_hap1_hsa17
mPonPyg2#1#chr18_hap1_hsa18
mPonPyg2#1#chr18_hap1_hsa18
mPonPyg2#1#chr16_hap1_hsa15
mPonPyg2#1#chr13_hap1_hsa2
mPonPyg2#1#chr13_hap1_hsa2
mPonPyg2#1#chr12_hap1_hsa1
mPonAbe1#2#chr12_hap1_hsa1
mPonAbe1#2#chr2_hap2_hsa11
mPonAbe1#2#chr2_hap2_hsa11
mPonAbe1#2#chr2_hap2_hsa11
mPonAbe1#2#chr2_hap2_hsa11
mPonAbe1#2#chr2_hap2_hsa21 mPonAbel#zehrd2_hap2_hsa21 mPonAbel#zehrd2_hap2_hsa21 mPonAbel#z#chr21_hap2_hsa20 mPonAbel#z#chr20_hap2_hsa10 mPonAbel#z#chr18_hap2_hsa16 mPonAbel#z#chr17_hap2_hsa18 mPonAbel#z#chr16_hap2_hsa18 mPonAbet###chr17_hap2_hsa18mPonAbet###chr14_hap2_hsa15mPonAbet###chr14_hap2_hsa13mPonAbet###chr14_hap2_hsa2mPonAbet###chr12_hap2_hsa2mPonAbet###chr12_hap2_hsa2mPonAbet###chr12_hap1_hsa1mPonAbet###chr18_hap1_hsa11mPonAbet###chr8_hap1_hsa10mPonAbet###chr4_hap1_hsa6mPonAbet###chr4_hap1_hsa6mPonAbet###chr2_hap1_hsa6mPonAbet###chr2_hap1_hsa2mPonAbet###chr2_hap1_hsa2mPonAbet###chr2_hap1_hsa1mPonAbet###chr2_hap1_hsa1mPonAbet###chr12_hap1_hsa6mPonAbet###chr12_hap1_hsa1mPonAbet###chr12_hap1_hsa16mPonAbet###chr12_hap1_hsa16mPonAbet###chr12_hap1_hsa16mPonAbet###chr12_hap1_hsa16mPonAbet###chr12_hap1_hsa16mPonAbet###chr12_hap1_hsa16mPonAbet###chr12_hap1_hsa16mPonAbet##chr13_hap1_hsa16mPonAbet##chr13_hap1_hsa1mPanTio3##chr13_hap2_hsa4mPanTio3###chr12_hap2_hsa19mPanTio3##ethr12_hap2_hsa19mPanTio3##ethr12_hap2_hsa19mPanTio3##ethr12_hap2_hsa19mPanTio3##ethr18_hap2_hsa4mPanTio3###chr18_hap2_hsa4mPanTio3##ethr18_hap2_hsa4mPanTio3##ethr18_hap2_hsa4mPanTio3###chr18_hap2_hsa4mPanTio3##ethr18_hap2_hs C=0C=0CHCC=C00C0Dc0 mPanTro3#2#chr20_hap2_hsa19-mPanTro3#2#chr18_hap2_hsa16-mPanTro3#2#chr18_hap2_hsa16-mPanTro3#2#chr16_hap2_hsa15-mPanTro3#2#chr16_hap2_hsa15-mPanTro3#2#chr16_hap2_hsa14-mPanTro3#2#chr10_hap2_hsa19-mPanTro3#1#chr8_hap1_hsa10-mPanTro3#1#chr8_hap1_hsa18-mPanTro3#1#chr8_hap1_hsa10-mPanTro3#1#chr3_hap1_hsa10-mPanTro3#1#chr3_hap1_hsa10-mPanTro3#1#chr3_hap1_hsa10-mPanTro3#1#chr3_hap1_hsa10-mPanTro3#1#chr3_hap1_hsa10-mPanTro3#1#chr3_hap1_hsa10-mPanTro3#1#chr3_hap1_hsa10-mPanTro3#1#chr3_hap1_hsa10mPanTro3#1#chr7, hap1, hsa8 + mPanTro3#1#chr3, hap1, hsa2+ mPanTro3#1#chr23, hap1, hsa22-mPanTro3#1#chr22, hap1, hsa21-mPanTro3#1#chr22, hap1, hsa19-mPanTro3#1#chr2, hap1, hsa19-mPanTro3#1#chr16, hap1, hsa16-mPanTro3#1#chr16, hap1, hsa15-mPanTro3#1#chr16, hap1, hsa15-mPanTro3#1#chr14, hap1, hsa13-mPanTro3#1#chr14, hap1, hsa13-mPanTro3 mPanPan1#P#chr4_pat_hsa5mPanPan1#P#chr23_pat_hsa2mPanPan1#P#chr23_pat_hsa20mPanPan1#P#chr20_pat_hsa19mPanPan1#P#chr18_pat_hsa20mPanPan1#P#chr18_pat_hsa10mPanPan1#P#chr18_pat_hsa12mPanPan1#W#chr23_mat_hsa19mPanPan1#W#chr28_mat_hsa19mPanPan1#W#chr18_mat_hsa19mPanPan1#W#chr18_mat_hsa16mPanPan1#W#chr18_mat_hsa13mPanPan1#W#chr10_mat_hsa12mGorGor1#P#chr8_pat_hsa10mGorGor1#P#chr8_pat_hsa10mGorGor1#P#chr8_pat_hsa10mGorGor1#P#chr8_pat_hsa17mGorGor1#P#chr8_pat_hsa17mGorGor1#P#chr8_pat_hsa17mGorGor1#P#chr8_pat_hsa17mGorGor1#P#chr8_pat_hsa17mPanPan1#P#chr4_pat_hsa5 mGorGorf##enf6_pat_hsa/ MGorGorf#P#chr4_pat_hsaf7x5 mGorGorf#P#chr3_pat_hsa21 mGorGorf#P#chr21_pat_hsa20 mGorGorf#P#chr21_pat_hsa20 mGorGorf#P#chr20_pat_hsa19 mGorGorf#P#chr120_pat_hsa3 mGorGorf#P#chr18_pat_hsa16 mGorGorf#P#chr18_pat_hsa16 mGorGor1#P#chr18_pat_hsa16
mGorGor1#M#chr2_mat_hsa8
mGorGor1#M#chr2_mat_hsa8
mGorGor1#M#chr6_mat_hsa7
mGorGor1#M#chr6_mat_hsa7
mGorGor1#M#chr6_mat_hsa17
mGorGor1#M#chr4_mat_hsa17
mGorGor1#M#chr4_mat_hsa10
mGorGor1#M#chr20_mat_hsa19
mGorGor1#M#chr18_mat_hsa16
mGorGor1#M#chr14_mat_hsa16
mGorGor1#M#chr14_mat_hsa16
mGorGor1#M#chr14_mat_hsa18 ł mGorGorf#M#chr14_mat_hsa13 mGorGorf#M#chr10_mat_hsa12 mGorGorf#M#chr1_mat_hsa1 hg002#P#chr9_PATERNAL hg002#P#chr19_PATERNAL hg002#M#chr9_MATERNAL hg002#M#chr9_MATERNAL hg002#M#chr9_MATERNAL grch38#1#chr5 grch38#1#chr19 200 -00 2e+07 4e+07 6e+07

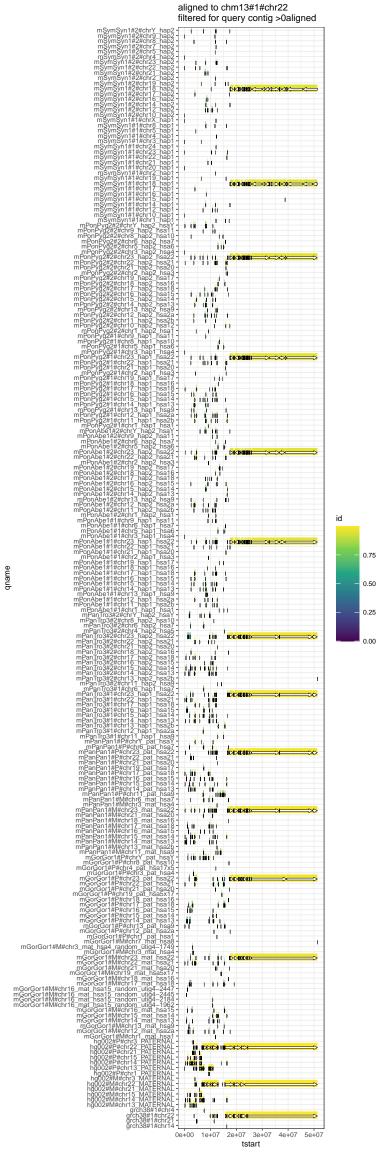
0.95 0.90 0.85

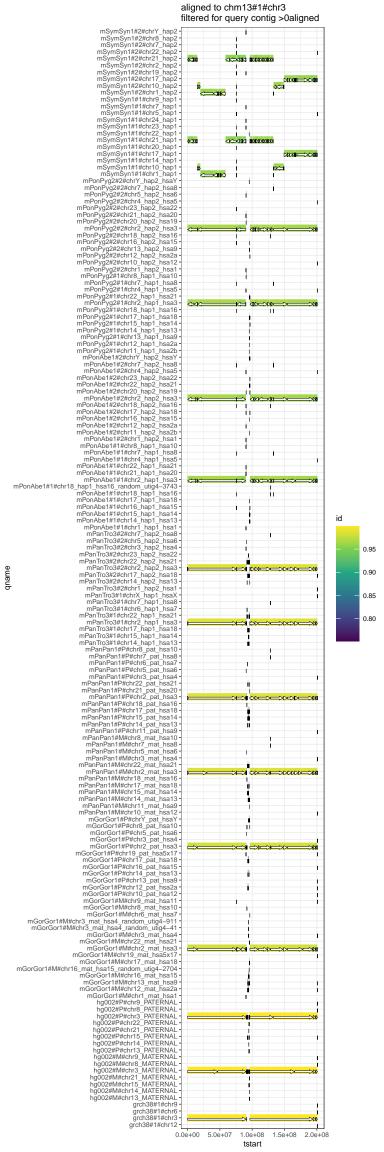
aligned to chm13#1#chr2 filtered for query contig >0aligned mSymSyn1#2#chr9_hap2 mSymSyn1#2#chr8_hap2 mSymSyn1#2#chr5_hap2 mSymSyn1#2#chr3_hap2 mSymSyn1#2#chr2_hap2 mSymSyn1#2#chr20_hap2 mSymSyn1#2#chr18_hap2 ux_ mSymSyn1#2#chr16_hap2 mSymSyn1#2#chr14_hap2
mSymSyn1#2#chr11_hap2
mSymSyn1#1#chr19_hap1
mSymSyn1#1#chr19_hap1
mSymSyn1#1#chr22_hap1
mSymSyn1#1#chr20_hap1
mSymSyn1#1#chr10_hap1
mSymSyn1#1#chr16_hap1
mSymSyn1#1#chr16_hap1
mSymSyn1#1#chr16_hap1
mSymSyn1#1#chr16_hap1
mSymSyn1#1#chr10_hap1
mSymSyn1#1#chr10_hap1
mSymSyn1#1#chr10_hap1
mSymSyn1#1#chr10_hap1
mSymSyn1#1#chr10_hap1
mSymSyn1#1#chr1_hap1
mSymSyn1#1#chr1_hap1
mSymSyn1#1#chr1_hap1
mSymSyn1#1#chr1_hap1
mSymSyn1#1#chr1_hap1
mPonPyg2#2#chr7_hap2_hsa8
mPonPyg2#2#chr6_hap2_hsa8 mSvmSvn1#2#chr14 hap2 mPonPyg2#2#chrY_hap2_hsaY
mPonPyg2#2#chrY_hap2_hsaY
mPonPyg2#2#chrf_hap2_hsa7
mPonPyg2#2#chrf_hap2_hsa7
mPonPyg2#2#chrf_hap2_hsa2
mPonPyg2#2#chr2_hap2_hsa22
mPonPyg2#2#chr2_hap2_hsa21
mPonPyg2#2#chr2_hap2_hsa21
mPonPyg2#2#chr12_hap2_hsa33
mPonPyg2#2#chr16_hap2_hsa16
mPonPyg2#2#chr15_hap2_hsa14
mPonPyg2#2#chr15_hap2_hsa14
mPonPyg2#2#chr15_hap2_hsa14
mPonPyg2#2#chr15_hap2_hsa2a
mPonPyg2#2#chr16_hap2_hsa2a
mPonPyg2#2#chr16_hap2_hsa2a
mPonPyg2#1#chr17_hap1_hsa2
mPonPyg2#1#chr2_hap1_hsa21
mPonPyg2#1#chr17_hap1_hsa16
mPonPyg2#1#chr17_hap1_hsa16
mPonPyg2#1#chr16_hap1_hsa15
mPonPyg2#1#chr16_hap1_hsa15
mPonPyg2#1#chr15_hap1_hsa16
mPonPyg2#1#chr16_hap1_hsa16
mPonPyg2#1#chr16_hap1_hsa16
mPonPyg2#1#chr16_hap1_hsa16
mPonPyg2#1#chr16_hap1_hsa16
mPonPyg2#1#chr16_hap1_hsa26
mPonAbe1#2#chr16_hap2_hsa10
mPonAbe1#2#chr16_hap2_hsa2
mPonAbe1#2#chr2_hap2_hsa2
mPonAbe1#2#chr2_hap2_hsa2 2-200-2-2 mPonAbe1#2#chr23_hap2_hsa22 mPonAbe1#2#chr22_hap2_hsa21 mPonAbe1#2#chr17_hap2_hsa18 mPonAbe1#2#chr16_hap2_hsa16 mPonAbe1#2#chr11_hap2_hsa2b mPonAbe1#2#chr11_hap2_hsa2b mPonAbe1#1#chr21_hap1_hsa22 mPonAbe1#1#chr22_hap1_hsa21 mPonAbe1#1#chr22_hap1_hsa21 mPonAbe1#1#chr12_hap1_hsa18 mPonAbe1#1#chr17_hap1_hsa18 mPonAbe1#1#chr17_hap1_hsa18 mPonAbe1#1#chr17_hap1_hsa13 mPonAbe1#1#chr17_hap1_hsa2 mPonAbe1#1#chr12_hap1_hsa2a mPonAbe1#1#chr12_hap1_hsa2a mPonAbe1#1#chr12_hap1_hsa2a mPonAbe1#1#chr12_hap1_hsa2a mPonAbe1#1#chr12_hap1_hsa2a mPonAbe1#1#chr12_hap1_hsa2a mPonAbe1#2#chr23_hap2_hsa22 mPanTro3#2#chr9_hap2_hsa11
mPanTro3#2#chr8_hap2_hsa10
mPanTro3#2#chr8_hap2_hsa8
mPanTro3#2#chr1_hap2_hsa8
mPanTro3#2#chr1_hap2_hsa3
mPanTro3#2#chr19_hap2_hsa17
mPanTro3#2#chr19_hap2_hsa17
mPanTro3#2#chr19_hap2_hsa14
mPanTro3#2#chr19_hap2_hsa14
mPanTro3#2#chr14_hap2_hsa14
mPanTro3#2#chr14_hap2_hsa14
mPanTro3#2#chr12_hap2_hsa2a
mPanTro3#2#chr12_hap2_hsa2a
mPanTro3#2#chr12_hap2_hsa14
mPanTro3#2#chr12_hap1_hsa11
mPanTro3#1#chr9_hap1_hsa11
mPanTro3#1#chr9_hap1_hsa11
mPanTro3#1#chr9_hap1_hsa11
mPanTro3#1#chr9_hap1_hsa11 mPanTro3#1#chr8_hap1_hsa10
mPanTro3#1#chr7_hap1_hsa8
mPanTro3#1#chr1_hap1_hsa8
mPanTro3#1#chr2_hap1_hsa8
mPanTro3#1#chr2_hap1_hsa2
mPanTro3#1#chr12_hap1_hsa12
mPanTro3#1#chr12_hap1_hsa12
mPanTro3#1#chr13_hap1_hsa12
mPanTro3#1#chr13_hap1_hsa12
mPanTro3#1#chr12_hap1_hsa12
mPanPan1#P#chr12_pa1_hsa17
mPanPan1#P#chr2_pa1_hsa17
mPanPan1#P#chr12_pa1_hsa19
mPanPan1#P#chr19_pa1_hsa17
mPanPan1#P#chr19_pa1_hsa18
mPanPan1#P#chr13_pa1_hsa16
mPanPan1#P#chr13_pa1_hsa16
mPanPan1#P#chr13_pa1_hsa16
mPanPan1#P#chr13_pa1_hsa18 11 mPanPan1#J#chr12 pat_hsa2a mPanPan1#J#chr12 pat_hsa2a mPanPan1#J#chr11_pat_hsa9 mPanPan1#J#chr10_pat_hsa12 mPanPan1#J#khchr2_mat_hsa1 mPanPan1#J#khchr2_mat_hsa10 mPanPan1#J#khchr2_mat_hsa10 mPanPan1#J#khchr21_mat_hsa20 mPanPan1#M#chr20_mat_hsa19 mPanPan1#M#chr18_mat_hsa16 mPanPan1#M#chr18_mat_hsa16 mPanPan1#M#chr17_mat_hsa18 mPanPan1#M#chr16_mat_hsa15 mPanPan1#M#chr13_mat_hsa2b mPanPan1#M#chr12_mat_hsa2a mPanPan1#M#chr11_mat_hsa9 mPanPan1#M#chr11_mat_hsa9 mGorGor1#P#chr12_pat_hsa8 mGorGor1#P#chr2_pat_hsa7 mGorGor1#P#chr12_pat_hsa12 mGorGor1#P#chr12_pat_hsa16 mGorGor1#P#chr14_pat_hsa15 mGorGor1#P#chr14_pat_hsa15 mGorGor1#P#chr14_pat_hsa13 mGorGor1#P#chr14_pat_hsa13 mGorGor1#P#chr14_pat_hsa2a mGorGor1#P#chr11_pat_hsa2b mGorGor1#P#chr14_pat_hsa2b mGorGor1#P#chr14_pat_hsa2b mGorGor1#P#chr14_pat_hsa2b mGorGor1#P#chr14_pat_hsa2b mGorGor1#M#chr8_mat_hsa10 mGorGor1#M#chr8_mat_hsa10 mGorGor1#M#chr6_mat_hsa21 11 mGorGorl#M#chr6_mat_hsa7 mGorGorl#M#chr12_mat_hsa18 mGorGorl#M#chr18_mat_hsa16 mGorGorl#M#chr17_mat_hsa18 mGorGorl#M#chr14_mat_hsa13 mGorGorl#M#chr14_mat_hsa28 mGorGorl#M#chr11_mat_hsa28 hg002#P#chr2_PATERNAL hg002#M#chr2_MATERNAL grch38#1#chr2 _~___ ____ grch38#1#chr2 1.0e+08 1.5e+08 2.0e+08 0.0e+00 5.0e+07 2.5e+08

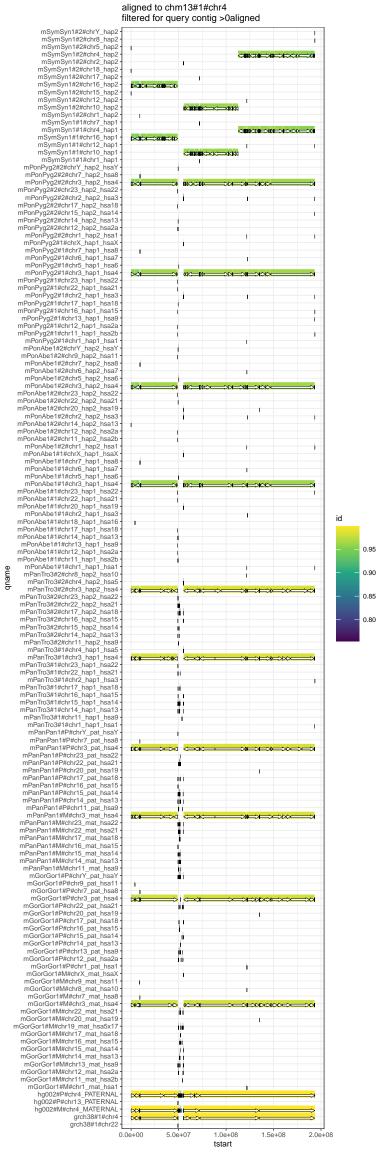
tstart











aligned to chm13#1#chr5 filtered for query contig >0aligned mSymSyn1#2#chrt7 hap2 mSymSyn1#2#chrt7 hap2 mSymSyn1#2#chrt6 hap2 mSymSyn1#2#chrt6 hap2 mSymSyn1#2#chrt2 hap2 mSymSyn1#2#chrt1 hap2 mSymSyn1#2#chrt1 hap2 mSymSyn1#2#chrt1 hap2 mSymSyn1#2#chrt2 hap1 mSymSyn1#2#chrt2 hap1 mSymSyn1#2#chrt4 hap1 mSymSyn1#1#chrt4 hap1 mSymSyn1#1#chrt1 hap2 mSymSyn1#1#chrt1 hap1 hap1 mPonPyg2#2#chrt1 hap2 hap1 hap1 mPonPyg2#2#chrt1 hap2 hap1 hap1 mPonPyg2#1#chrt1 hap2 hap1 hap1 mPonPyg2#1#chrt1 hap2 hap1 hap1 mPonPyg2#1#chrt1 hap1 hap1 hap K=KK==KX ١ <mark>> |</mark>• 1.0e+08 1.5e+08 0.0e+00 5.0e+07 tstart

0.95 0.90 0.85

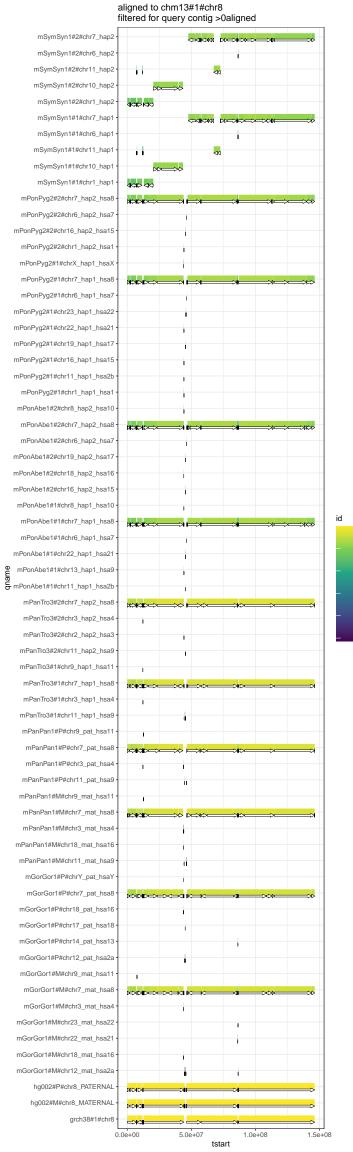
aligned to chm13#1#chr6 filtered for query contig >0aligned mSymSyn1#2#chr23_hap2 mSymSyn1#2#chr2 hap2 mSymSyn1#1#chr23_hap1 mSymSyn1#1#chr2 hap1 mPonPyg2#2#chr9_hap2_l mPonPyg2#2#chr7_hap2_hsa8 mPonPyg2#2#chr5 hap2 hsa6 PonPyg2#2#chr4_hap2_hsa5 mPonPyg2#2#chr17_hap2_hs mPonPyg2#2#chr13 hap2 hsa9 mPonPyg2#2#chr12_hap2_hsa2a mPonPyg2#2#chr11_hap2_h mPonPyg2#2#chr1 hap2 hsa1 mPonPyg2#1#chr9 hap1 hsa11 mPonPyg2#1#chr7_hap1_hsa8 mPonPyg2#1#chr5 hap1 hsa6 mPonPyg2#1#chr4 hap1 hsa5 mPonPyg2#1#chr23_hap1_hs mPonPyg2#1#chr22_hap1_hsa21 mPonPyg2#1#chr20 hap1 hsa19 onPyg2#1#chr19_hap1_hsa17 mPonPyg2#1#chr11_hap1_h mPonPyg2#1#chr1 hap1 hsa1 mPonAbe1#2#chr5_hap2_hsa6 mPonAbe1#2#chr20 hap2 hsa19 mPonAbe1#2#chr2_hap2_hsa3 mPonAbe1#2#chr17 hap2 hsa18 OnAbe1#2#chr1_hap2_hsa1 mPonAbe1#1#chr5 hap1 hsa6 mPonAbe1#1#chr19 hap1 hsa17 mPonAbe1#1#chr16 hap1 hsa15 mPanTro3#2#chr2 hap2 hsa3 mPanTro3#1#chrX_hap1_hsaX mPanTro3#1#chr2 hap1 hsa3 mPanPan1#P#chr5_pat_hsa6 mPanPan1#M#chr19_mat_hsa17 mGorGor1#P#chr2 pat hsa3 mGorGor1#P#chr19 pat hsa5x17 mGorGor1#M#chr5 mat hsa6 mGorGor1#M#chr19 mat hsa5x17 hg002#P#chr8_PATERNAL hg002#P#chr6_PATERNAL hg002#P#chr1 PATERNAL hg002#M#chr8_MATERNAL hg002#M#chr6_MATERNAL hg002#M#chr1 MATERNAL grch38#1#chr6 0.0e+00 5.0e+07 1.0e+08 1.5e+08 tstart

0.95

0.85

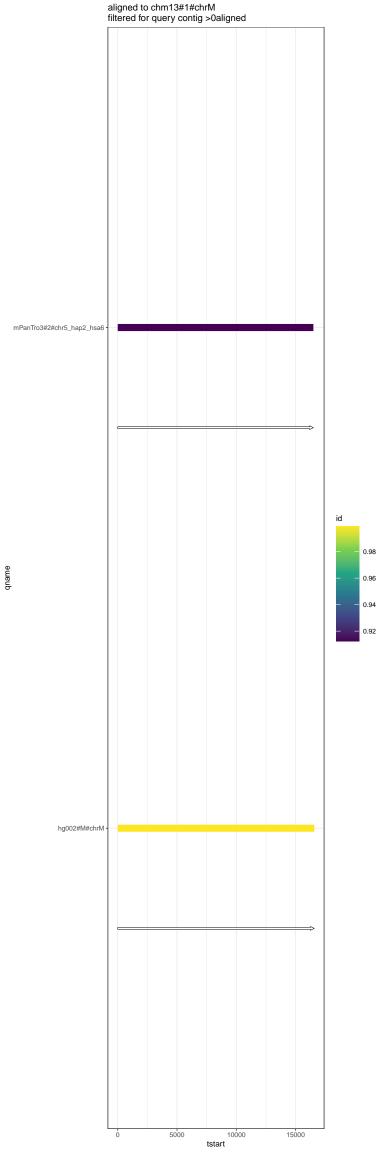
0.80

aligned to chm13#1#chr7 filtered for query contig >0aligned #5X# #5X# CHEM DN mSymSyn1#2#chr9_hap2_mSymSyn1#2#chr16_hap2_mSymSyn1#2#chr16_hap2_mSymSyn1#2#chr12_hap2_mSymSyn1#2#chr12_hap2_mSymSyn1#2#chr12_hap2_mSymSyn1#2#chr12_hap2_mSymSyn1#2#chr16_hap1_mSymSyn1#2#chr16_hap1_mSymSyn1#2#chr16_hap1_mSymSyn1#2#chr16_hap1_mSymSyn1#1#chr16_hap1_mSymSyn1#1#chr16_hap1_mSymSyn1#1#chr16_hap1_mSymSyn1#1#chr16_hap1_mSymSyn1#1#chr16_hap1_mSymSyn1#1#chr16_hap1_mSymSyn1#1#chr12_hap1_mSymSyn1#1#chr16_hap1_mSymSyn1#1#chr16_hap1_mSymSyn1#1#chr16_hap1_mSymSyn1#1#chr16_hap1_mSymSyn1#1#chr16_hap1_mSymSyn1#1#chr16_hap1_mSymSyn1#1#chr16_hap1_mSymSyn1#1#chr16_hap1_mSymSyn1#1#chr16_hap1_mSymSyn1#1#chr16_hap1_mSymSyn1#1#chr16_hap1_mSymSyn1#1#chr16_hap1_mSymSyn1#1#chr16_hap1_mSymSyn1#1#chr16_hap1_mSymSyn1#1#chr16_hap1_mSymSyn1#1#chr16_hap1_mSymSyn1#1#chr16_hap1_mSymSyn1#1#chr16_hap1_hap2_hap1_pp2#2#2#chr16_hap2_has1_mPonPyg2#2#chr16_hap2_has1_mPonPyg2#2#chr16_hap2_has1_mPonPyg2#2#chr16_hap2_has1_mPonPyg2#2#chr16_hap1_has1_mPonPyg2#1#chr16_hap1_has1_mPonPyg2#1#chr16_hap1_has1_mPonPyg2#1#chr16_hap1_has1_mPonPyg2#1#chr16_hap1_has1_mPonPyg2#1#chr16_hap1_has1_mPonPyg2#1#chr16_hap1_has1_mPonPyg2#1#chr16_hap1_has1_mPonPyg2#1#chr16_hap1_has1_mPonPyg2#1#chr16_hap1_has1_mPonPyg2#1#chr16_hap1_has1_mPonPyg2#1#chr16_hap1_has1_mPonPyg2#1#chr16_hap1_has1_mPonPyg2#1#chr16_hap1_has1_mPonPyg2#1#chr16_hap1_has1_mPonPyg2#1#chr16_hap1_has1_mPonAbe1#2#chr16_hap2_has1_mPonAbe1#2#chr16_hap2_has1_mPonAbe1#2#chr16_hap2_has1_mPonAbe1#2#chr16_hap2_has1_mPonAbe1#2#chr16_hap2_has1_mPonAbe1#2#chr16_hap2_has1_mPonAbe1#2#chr16_hap2_has1_mPonAbe1#2#chr16_hap2_has1_mPonAbe1#2#chr16_hap2_has1_mPonAbe1#2#chr16_hap2_has1_mPonAbe1#2#chr16_hap1_has1_mPonAbe1#2#chr16_hap2_has1_mPonAbe1#2#chr16_hap2_has1_mPonAbe1#2#chr16_hap2_has1_mPonAbe1#2#chr16_hap2_has1_mPonAbe1#2#chr16_hap2_has1_mPonAbe1#2#chr16_hap2_has1_mPonAbe1#2#chr16_hap2_has1_mPonAbe1#2#chr16_hap2_has1_mPonAbe1#2#chr16_hap2_has1_mPonAbe1#2#chr16_hap2_has1_mPonAbe1#2#chr16_hap2_has1_mPonAbe1#2#chr16_hap2_has1_mPonAbe1#2#chr16_hap2_has1_mPonAbe1#2#chr16_hap2_has1_mPonAbe1#2#chr16_hap2_has1_mPonAb >->->=>00000 annmnm I I Britanic Composition of the rok — zwarzania ı 0.90 0.85 mPanTiro3#2#chr16_hap2_hsa13mPanTiro3#2#chr14_hap2_hsa12mPanTiro3#2#chr10_hap2_hsa12mPanTiro3#2#chr10_hap2_hsa12mPanTiro3#2#chr10_hap2_hsa12mPanTiro3#2#chr10_hap2_hsa11mPanTiro3#1#chr0_hap1_hsa11mPanTiro3#1#chr0_hap1_hsa11mPanTiro3#1#chr0_hap1_hsa12mPanTiro3#1#chr2_hap1_hsa22mPanTiro3#1#chr2_hap1_hsa22mPanTiro3#1#chr2_hap1_hsa12mPanTiro3#1#chr2_hap1_hsa12mPanTiro3#1#chr16_hap1_hsa11mPanTiro3#1#chr16_hap1_hsa11mPanTiro3#1#chr16_hap1_hsa11mPanTiro3#1#chr16_hap1_hsa11mPanTiro3#1#chr16_hap1_hsa11mPanTiro3#1#chr16_hap1_hsa11mPanTiro3#1#chr16_hap1_hsa11mPanTiro3#1#chr16_hap1_hsa11mPanPan1#P#chr16_pa1_hsa10mPanPan1#P#chr12_pa1_hsa10mPanPan1#P#chr12_pa1_hsa10mPanPan1#P#chr12_pa1_hsa10mPanPan1#P#chr14_pa1_hsa11mPanPan1#P#chr14_pa1_hsa11mPanPan1#P#chr14_pa1_hsa11mPanPan1#P#chr14_pa1_hsa11mPanPan1#P#chr14_pa1_hsa11mPanPan1#P#chr14_pa1_hsa11mPanPan1#P#chr14_pa1_hsa11mPanPan1#P#chr14_pa1_hsa11mPanPan1#P#chr14_pa1_hsa11mPanPan1#P#chr14_pa1_hsa11mPanPan1#P#chr14_pa1_hsa11mPanPan1#P#chr16_pa1_hsa1mPanPan1#P#chr16_pa1_hsa1mPanPan1#P#chr16_pa1_hsa1mPanPan1#P#chr16_pa1_hsa1mPanPan1#P#chr16_pa1_hsa1mPanPan1#P#chr16_pa1_hsa1mPanPan1#P#chr16_pa1_hsa1mPanPan1#P#chr16_pa1_hsa1mPanPan1#P#chr16_pa1_hsa1mGorGor1#P#chr16_pa1_hsa1mGor ú 81 I 5.0e+07 1.0e+08 1.5e+08 0.0e+00 tstart



0.95

0.90



aligned to chm13#1#chrX filtered for query contig >0aligned mSymSyn1#2#chrY_hap2 mSymSyn1#2#chr8_hap2 mSymSyn1#2#chr5_hap2 mSymSyn1#2#chr3 hap2 mSymSyn1#2#chr2_hap2 mSymSyn1#2#chr19_hap2 mSymSyn1#2#chr18_hap2 mSymSyn1#2#chr14 hap2 mSymSyn1#1#chrX hap1 mSymSyn1#1#chr24 hap1 mSymSyn1#1#chr21_hap1 mSymSyn1#1#chr19_hap1 mPonPyg2#2#chrY_hap2_hsaY mPonPyg2#2#chr9 hap2 hsa11 mPonPyg2#2#chr8_hap2_hsa10 mPonPyg2#2#chr7_hap2_hsa8 mPonPyg2#2#chr6_hap2_hsa7 mPonPyg2#2#chr22_hap2_hsa21 mPonPyg2#2#chr20_hap2_hsa19 mPonPvg2#2#chr17 hap2 hsa18 mPonPyg2#2#chr16_hap2_hsa15 mPonPyg2#2#chr15_hap2_hsa14 mPonPyg2#2#chr12_hap2_hsa2a mPonPyg2#2#chr11_hap2_hsa2b mPonPyg2#2#chr1_hap2_hsa1 mPonPyg2#1#chrX_hap1_hsaX mPonPyg2#1#chr8_hap1_hsa10 mPonPyg2#1#chr7_hap1_hsa8 mPonPyg2#1#chr23_hap1_hsa22 mPonPyg2#1#chr22_hap1_hsa21 mPonPyg2#1#chr17_hap1_hsa18 mPonPyg2#1#chr15_hap1_hsa14 mPonPyg2#1#chr14_hap1_hsa13 mPonPyg2#1#chr13_hap1_hsa9 mPonPyg2#1#chr11_hap1_hsa2b mPonPyg2#1#chr1 hap1 hsa1 mPonAbe1#2#chrY hap2 hsaY mPonAbe1#2#chr9_hap2_hsa11 mPonAbe1#2#chr8_hap2_hsa10 mPonAbe1#2#chr7_hap2_hsa8 mPonAbe1#2#chr6_hap2_hsa7 mPonAbe1#2#chr19 hap2 hsa17 mPonAbe1#2#chr14 hap2 hsa13 mPonAbe1#2#chr12_hap2_hsa2a mPonAbe1#2#chr11_hap2_hsa2b mPonAbe1#2#chr1_hap2_hsa1 mPonAbe1#1#chrX hap1 hsaX mPonAbe1#1#chr9 hap1 hsa11 mPonAbe1#1#chr8_hap1_hsa10 mPonAbe1#1#chr7_hap1_hsa8 mPonAbe1#1#chr4 hap1 hsa5 PonAbe1#1#chr23_hap1_hsa22 mPonAbe1#1#chr22 hap1 hsa21 mPonAbe1#1#chr21 hap1 hsa20 mPonAbe1#1#chr15_hap1_hsa14 mPonAbe1#1#chr14_hap1_hsa13 mPonAbe1#1#chr12_hap1_hsa2a PonAbe1#1#chr11_hap1_hsa2b mPanTro3#2#chrY hap2 hsaY mPanTro3#2#chr9_hap2_hsa11 mPanTro3#2#chr3_hap2_hsa4 mPanTro3#2#chr19_hap2_hsa17 anTro3#2#chr18_hap2_hsa16 mPanTro3#1#chrX_hap1_hsaX mPanTro3#1#chr9 hap1 hsa11 mPanTro3#1#chr19_hap1_hsa17 mPanPan1#P#chrY_pat_hsaY mPanPan1#P#chr9_pat_hs п mPanPan1#P#chr3_pat_hsa4 mPanPan1#P#chr19 pat hsa17 mPanPan1#M#chrX mat hsaX mPanPan1#M#chr19_mat_hsa17 mPanPan1#M#chr18_mat_hsa16 mGorGor1#P#chrY_pat_hsaY mGorGor1#P#chr9 pat hsa11 mGorGor1#P#chr3_pat_hsa4 mGorGor1#P#chr19_pat_hsa5x17 mGorGor1#P#chr18_pat_hsa16 mGorGor1#P#chr17_pat_hsa18 mGorGor1#P#chr13_pat_hsa9 mGorGor1#P#chr12 pat hsa2a mGorGor1#P#chr11_pat_hsa2b mGorGor1#P#chr1_pat_hsa1 mGorGor1#M#chrX_mat_hsaX mGorGor1#M#chr3_mat_hsa4 mGorGor1#M#chr19_mat_hsa5x17 mGorGor1#M#chr18 mat hsa16 hg002#M#chrX_MATERNAL grch38#1#chrY grch38#1#chrX 110 5.0e+07 1.0e+08 0.0e+00 1.5e +08 tstart

0.75

aligned to chm13#1#chrY filtered for query contig >0aligned mSymSyn1#2#chr8_hap2 mSymSyn1#2#chr23_hap2 mSymSyn1#1#chr18 hap1 mSymSyn1#1#chr16_hap1 mPonPyg2#2#chrY_hap2_hsaY mPonPyg2#2#chr17_hap2_hs mPonPyg2#2#chr16_hap2_hsa15 mPonPyg2#2#chr14_hap2_hsa13 ļ mPonPyg2#1#chrX_hap1_hsaX OnPyg2#1#chr14_hap1_hsa13 mPonAbe1#2#chr14 hap2 hsa13 ļ onAbe1#1#chrX_hap1_hsaX mGorGor1#P#chr10_pat_hsa12 hg002#M#chrX_MATERNAL grch38#1#chrY grch38#1#chrX -0e+00 4e+07 2e+07 6e+07 tstart

0.95 0.90 0.85