3.1.

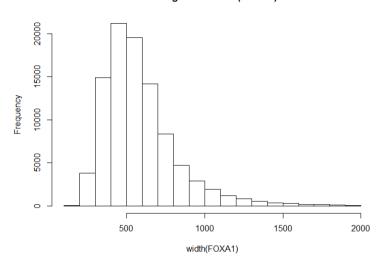
There are 95314 peaks.

3.2.

mean: 594.9364 median: 538 max: 98453

3.3.

Histogram of width(FOXA1)



4.3. There are 8188 Overlaps.

> findOverlaps(ER, FOXA1)

Hits object with 8188 hits and O metadata columns: queryHits subjectHits <integer> <integer> [1] [2] [3] 18 5 19 6 20 [4] 15 26 [5] 28 16 [8184] 12962 94809 [8185] 94809 12963 94810 [8186] 12964 [8187] 12970 94817 [8188] 12973 94830

queryLength: 12999 / subjectLength: 95000

6.

8.2.

Motif	Logo	3 Top hits in databases
oligos_6nt_mkv2_m1	ST N N N N N N N N N N N N N N N N N N N	versus jaspar core nonredundant vertebrates: NR2F1, NR2F2, NR4A1,
oligos_6nt_mkv2_m2	GGGTCAGG	versus jaspar core nonredundant vertebrates: NR2F1, PAX5, RORB,
oligos_6nt_mkv2_m3	ST AAGGAAGG	versus jaspar core nonredundant vertebrates: ELF5, EWSR1_FLI1, SPIB,
oligos_6nt_mkv2_m4	ST STATE AND ADDRESS OF THE STATE ADDRESS OF THE STATE AND ADDRESS OF THE STATE AND ADDRESS OF THE STATE ADDRESS OF THE STATE AND ADDRESS OF THE STATE ADDRESS OF	versus jaspar core nonredundant vertebrates: SP1, ZNF740, KLF5,
oligos_6nt_mkv2_m5	Signs, fast, and 2, and TAAATAT Signs Sig	versus jaspar core nonredundant vertebrates: Arid5a, FOXB1, FOXC1,
oligos_7nt_mkv2_m1	go CCTGACCCA	versus jaspar core nonredundant vertebrates: RORA, RORC, RORA_var_2_,
oligos_7nt_mkv2_m2	STORY TO SHAPE THE STORY	versus jaspar core nonredundant vertebrates: LIN54,
oligos_7nt_mkv2_m3	Experimental and a second and a	versus jaspar core nonredundant vertebrates: NR2F2, NR4A1, Esrrg,
oligos_7nt_mkv2_m4	Sign, 7st, and 2, and 2 grapes	versus jaspar core nonredundant vertebrates: FOXP2, FOXP1, FOXO3,
oligos_7nt_mkv2_m5	Sign, 7st, and 2, and 2 and 2 and 3 and 4 and 5	versus jaspar core nonredundant vertebrates: FOSB_JUN, FOSL2_JUN_var_2_, CREB1,

8.3.

Motif	Logo	3 Top hits in databases
oligos_6nt_mkv2_m1	# ### ### ### ### ### ### ### ### ###	versus jaspar core nonredundant vertebrates: FOXK1, FOXA1, FOXP1,
oligos_6nt_mkv2_m2		versus jaspar core nonredundant vertebrates: FOXA1, Foxj3, FOXC2,
oligos_6nt_mkv2_m3	TAAAAAATAAA,	versus jaspar core nonredundant vertebrates: Foxj3, FOXP2, FOXP1,
oligos_6nt_mkv2_m4	other for shit, and	versus jaspar core nonredundant vertebrates: MZF1,
oligos_6nt_mkv2_m5	allow, set and 2, and graph of the control of the	versus jaspar core nonredundant vertebrates: SP1, KLF5, ZNF740,
oligos_7nt_mkv2_m1	STANATATION OF THE STANATATION O	versus jaspar core nonredundant vertebrates: Arid5a, FOXB1, FOXC1,
oligos_7nt_mkv2_m2	GCAAACA	versus jaspar core nonredundant vertebrates: FOXP1, FOXK1, FOXC2,
oligos_7nt_mkv2_m3	States	versus jaspar core nonredundant vertebrates: FOXP1, FOXK2, FOXP2,
oligos_7nt_mkv2_m4	STATE OF THE PROPERTY OF THE P	versus jaspar core nonredundant vertebrates: FOXA1, FOXF2, Foxj3,
oligos_7nt_mkv2_m5	Street, and an arrange of the street, and an arrange of the street, and arrange of the street, arrange o	versus jaspar core nonredundant vertebrates: Arid5a, FOXB1, FOXC1,

9.2. Es stechen 2 Sequenzen hervor: zum einen AGGTCAC relativ am Anfang immer und am Ende ist es TGACC