

JUM, PSI-Sigma, RSEM/EdgeR 2 4 SRSF11 FLASH seg HEK293 GSE118265 -PEP0.01 SRSF2 FLASH seg HEK293 GSE118265 -SRSF1 FLASH seg HEK293 GSE118265 -PFP0.01 SRSF2 FLASH seq HEK293 GSE118265 -PEP0.01 SRSF1 FLASH seg HEK293 GSE118265 -SRSF11 FLASH seg HEK293 GSE118265 -PEP0.01 SRSF6 FLASH seg HEK293 GSE118265 -PEP0.01 SRSF6 FLASH seq HEK293 GSE118265 -SRSF11 FLASH seq HEK293 GSE118265 • PFP0.01 SRSF3 FLASH seq HEK293 GSE118265 • PEP0.01 SRSF1 FLASH seq HEK293 GSE118265 • PEP0.01 SRSF3 FLASH seq HEK293 GSE118265 • PEP0.01 SRSF6 FLASH seg HEK293 GSE118265 SRSF1 FLASH seg HEK293 GSE118265 PFP0.01 SRSF2 HITS CLIP HeLa_WT GSE111900 SRSF2 HITS_CLIP HeLa_WT GSE111900 0.01FDR SRSF2 HITS CLIP HeLa_WT GSE111900 0.01FDR MBNL2 HiTS_CLIP MEF GSE60487 pvalue0.01 MBNL1 HiTS_CLIP MEF GSE60487 pvalue0.01 MBNL3 HiTS_CLiP MEF GSE60487 pvalue0.01 MBNL2 HiTS_CLIP MEF GSE60487 pvalue0.01 MBNL3 HiTS_CLIP MEF GSE60487 pvalue0.01 MBNL2 HiTS_CLIP MEF GSE60487 pvalue0.01 MBNL1 HiTS_CLIP MEF GSE60487 pvalue0.01 MBNL3 HiTS_CLiP MEF GSE60487 pvalue0.01 MBNL2 HITS_CLIP MEF GSE60487 pvalue0.01 MBNL1 HiTS CLiP MEF GSE60487 pvalue0.01 MBNL3 HiTS_CLIP MEF GSE60487 pvalue0.01 SRSF2 HITS CLIP HeLa_WT GSE111900 MBNL1 HiTS_CLiP MEF GSE60487 pvalue0.01 SRSF3 FLASH HEK293 GSE11 SRSF3 FLASH HEK293 GSE11 SRSF6 FLASH HEK293 GSE11 SRSF2 FLASH HEK293 GSE11 SRSF11 FLASF HEK293 GSE11 SRSF2 FLASI HEK293 GSE1 5 6 8 Number of genes targeted by RBP 2.0 1.5 1.0 7.5 3 5.0 2 · 60 SRSF6 FLASH see HEK293 GSE118265 PEP0.01 SRSF2 FLASH see HEK293 GSE118265 PEP0.01 SRSF2 FLASH seg HEK293 GSE118265 -PEP0.01 SRSF11 FLASH seq | HEK293 GSE118265 = PEP0.01 SRSF6 FLASH seg HEK293 GSE118265 - PEP0.01 SRSF2 FLASH seg HEK293 GSE118265 -PEP0.01 SRSF2 HITS_CLIP | HeLa_WT GSE111900 = 0.01FDR SRSF3 FLASH seq HEK293 GSE118265 -PEP0.01 SRSF11 FLASH seg HEK293 GSE118265 -PEP0.01 SRSF6 FLASH seq HEK293 GSE118265 -PEP0.01 SRSF1 FLASH seg HEK293 GSE118265 -PEP0.01 SRSF3 FLASH seq HEK293 GSE118265 -PEP0.01 SRSF11 FLASH seg HEK293 GSE118265 -PEP0.01 SRSF1 FLASH seq HEK293 GSE118265 -PEP0.01 SRSF3 FLASH seq HEK293 GSE118265 • PEP0.01 SRSF1 FLASH seg HEK293 GSE118265 -PEP0.01 SRSF3 FLASH_seq HEK293 GSE118265 -PEP0.01 SRSF6 FLASH seq HEK293 GSE118265 -PEP0:01 SRSF2 FLASH_seg HEK293 GSE118265 = PEP0.01 SRSF2 HITS CLIP HeLa_WT GSE111900 0.01FDR MBNL3 HiTS_CLiP MEF GSE60487 pvalue0.01 SRSF2 HITS CLIP HeLa_WT GSE111900 0.01FDR MBNL2 HiTS_CLiP MEF GSE60487 pvalue0.01 SRSF2 HITS CLIP HeLa_WT GSE111900 0.01FDR MBNL2 HiTS_CLIP MEF GSE60487 pvalue0.01 MBNL1 HiTS_CLiP MEF GSE60487 pvalue0.01 MBNL3 HiTS_CLiP MEF GSE60487 pvalue0.01 MBNL2 HiTS_CLIP MEF GSE60487 pvalue0.01 MBNL1 HiTS_CLiP MEF GSE60487 pvalue0.01 MBNL1 HiTS_CLIP MEF GSE60487 pvalue0.01 MBNL3 HiTS_CLIP MEF GSE60487 pvalue0.01 MBNL2 HiTS_CLIP MEF GSE60487 pvalue0.01 MBNL1 HiTS_CLIP MEF GSE60487 pvalue0.01 MBNL3 HiTS_CLiP MEF GSE60487 pvalue0.01 40 20 9 10 11 12 **FDR** 3 3 < 0.05 2 2 > 0.05 SRSF6 FLASH seg HEK293 GSE118265 -PEP0.01 SRSF11 FLASH seg HEK293 GSE118265 – PEP0.01 SRSF6 FLASH seg HEK293 GSE118265 -PEP0.01 SRSF6 FLASH seg HEK293 GSE118265 – PEP0.01 SRSF11 FLASH seg HEK293 GSE118265 – PEP0.01 SRSF11 FLASH seg HEK293 GSE118265 -PEP0.01 SRSF3 FLASH seg HEK293 GSE118265 - PEP0.01 SRSF2 FLASH seg HEK293 GSE118265 -PEP0.01 SRSF6 FLASH seg HEK293 GSE118265 -PEP0.01 SRSF2 FLASH seg HEK293 GSE118265 -PEP0.01 SRSF3 FLASH_seq HEK293 GSE118265 = PEP0.01 SRSF3 FLASH_seq HEK293 GSE118265 = PEP0.01 SRSF2 HITS_CLIP HeLa_WT GSE111900 = 0.01FDR SRSF3 FLASH_seg HEK293 GSE118265 -PEP0.01 SRSF2 FLASH seg HEK293 GSE118265 -PEP0.01 SRSF2 HITS CLIP HeLa_WT GSE111900 0.01FDR MBNL3 HiTS_CLIP MEF GSE60487 pvalue0.01 SRSF2 HITS CLIP HeLa_WT GSE111900 0.01FDR MBNL3 HiTS_CLiP MEF GSE60487 pvalue0.01 ABNL1 HITS_CLIP MEF GSE60487 pvalue0.01 MBNL3 HiTS_CLiP MEF GSE60487 pvalue0.01 SRSF2 HITS_CLIP HeLa_WT GSE111900 0.01FDR MBNL2 HiTS_CLIP MEF GSE60487 pvalue0.01 MBNL2 HiTS_CLIP MEF GSE60487 pvalue0.01 MBNL2 HiTS_CLIP MEF GSE60487 pvalue0.01 MBNL1 HiTS_CLIP MEF GSE60487 pvalue0.01 MBNL3 HITS_CLIP MEF GSE60487 pvalue0.01 MBNL1 HITS_CLIP MEF GSE60487 pvalue0.01 MBNL2 HiTS_CLiP MEF GSE60487 pvalue0.01 MBNL1 HiTS_CLIP MEF GSE60487 pvalue0.01 13 14 15 16 2 · SRSF11 FLASH see HEK293 GSE118266 PEP0.01 SRSF6 FLASH see HEK293 GSE118266 PEP0.01 RKS93 GET18266
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