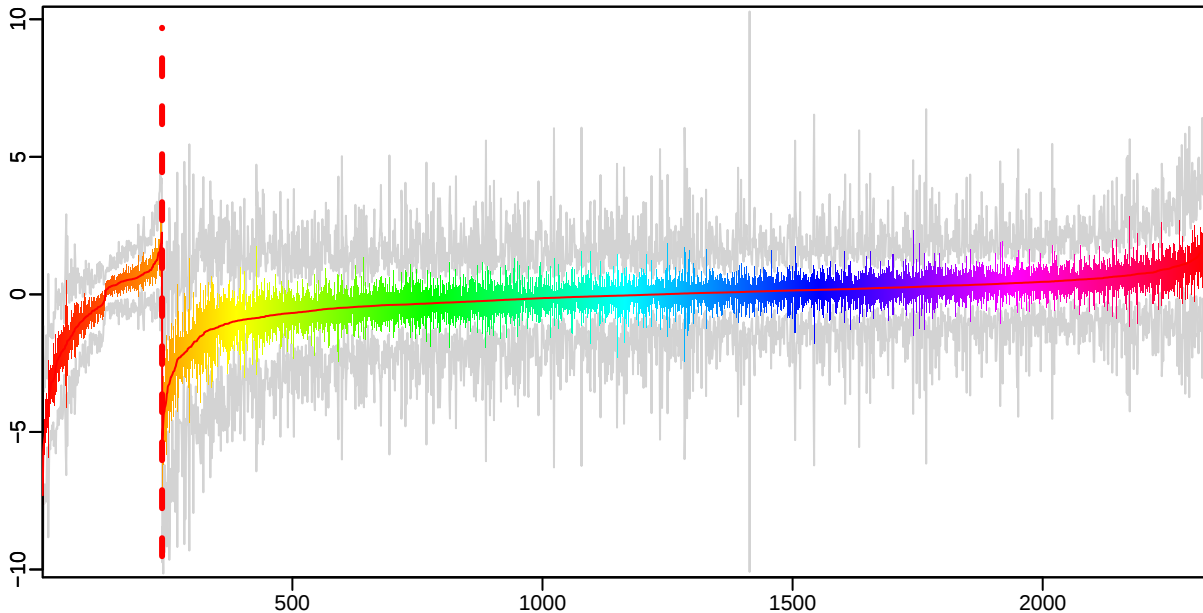
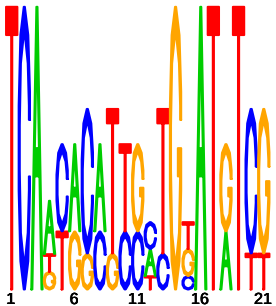


Cluster: 0448 mtu; resid: 0.58; r/c: 15/239

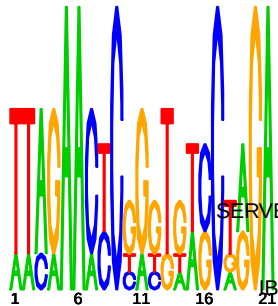
13 Oct 25 14:25:18 iter=2000
cMonkey Version 4.9.8 mtu



upstream meme PSSM #1; e=2.8



upstream meme PSSM #2; e=7



log10(P) upstream mem12

log10(P.clust)=-5.14; 15 seqs; 14 uniq

612KE6 PROTEIN ESXR (TB10.3) (ESAT-6 LIKE PROTEIN 9): RV3019C

KG2N.7 ESXH (10 kDa ANTIGEN) (CEP-7) (PROTEIN TB10.4): RV0288

-10.82 PROBABILE OXIDOREDUCTASE: DV136

[illegible]

Hypothetical protein: RV3780

ITV-05 MEMBRANE PROTEIN ALANINE AND LEUCINE RICH: RV3779

−9.07 ————— POSSIBLE AMINOTRANSFERASE: RV3778C

~~NEUTROPHIL-BINDING PROTEIN A) (ANTIGEN 85 COMPLEX A): RV3804C~~

hypothetical protein: RV0543C

0.66

trigger factor: RVZ402C

-0.39  30S ribosomal protein S1: RV1630

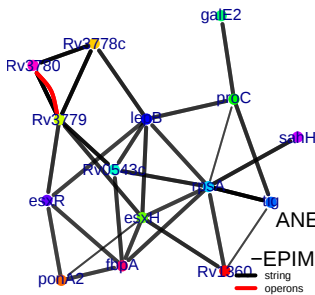
013 PEPTIDASE I LEPB (SPASE I) (LEADER PEPTIDASE I): RV2903C

-0.34 ————— pyrroline-5-carboxylate reductase: RV0500

-0.33 S-adenosyl-L-homocysteine hydrolase, BV3248C

ASSOCIATED PENICILLIN BINDING PROTEIN 1A/1B PONA2: DV3682

Accession	Gene Symbol	Gene Name	Chromosome	Start (kb)	End (kb)	Strand	Transcript Orientation	RefSeq ID	RefSeq Description
U08697	WDR1	WD repeat domain 1	1	110,000,000	110,000,000	-	Left	U08697.1	WDR1 mRNA
U08698	WDR2	WD repeat domain 2	1	110,000,000	110,000,000	-	Left	U08698.1	WDR2 mRNA
U08699	WDR3	WD repeat domain 3	1	110,000,000	110,000,000	-	Left	U08699.1	WDR3 mRNA
U08700	WDR4	WD repeat domain 4	1	110,000,000	110,000,000	-	Left	U08700.1	WDR4 mRNA
U08701	WDR5	WD repeat domain 5	1	110,000,000	110,000,000	-	Left	U08701.1	WDR5 mRNA
U08702	WDR6	WD repeat domain 6	1	110,000,000	110,000,000	-	Left	U08702.1	WDR6 mRNA
U08703	WDR7	WD repeat domain 7	1	110,000,000	110,000,000	-	Left	U08703.1	WDR7 mRNA
U08704	WDR8	WD repeat domain 8	1	110,000,000	110,000,000	-	Left	U08704.1	WDR8 mRNA
U08705	WDR9	WD repeat domain 9	1	110,000,000	110,000,000	-	Left	U08705.1	WDR9 mRNA
U08706	WDR10	WD repeat domain 10	1	110,000,000	110,000,000	-	Left	U08706.1	WDR10 mRNA
U08707	WDR11	WD repeat domain 11	1	110,000,000	110,000,000	-	Left	U08707.1	WDR11 mRNA
U08708	WDR12	WD repeat domain 12	1	110,000,000	110,000,000	-	Left	U08708.1	WDR12 mRNA
U08709	WDR13	WD repeat domain 13	1	110,000,000	110,000,000	-	Left	U08709.1	WDR13 mRNA
U08710	WDR14	WD repeat domain 14	1	110,000,000	110,000,000	-	Left	U08710.1	WDR14 mRNA
U08711	WDR15	WD repeat domain 15	1	110,000,000	110,000,000	-	Left	U08711.1	WDR15 mRNA
U08712	WDR16	WD repeat domain 16	1	110,000,000	110,000,000	-	Left	U08712.1	WDR16 mRNA
U08713	WDR17	WD repeat domain 17	1	110,000,000	110,000,000	-	Left	U08713.1	WDR17 mRNA
U08714	WDR18	WD repeat domain 18	1	110,000,000	110,000,000	-	Left	U08714.1	WDR18 mRNA
U08715	WDR19	WD repeat domain 19	1	110,000,000	110,000,000	-	Left	U08715.1	WDR19 mRNA
U08716	WDR20	WD repeat domain 20	1	110,000,000	110,000,000	-	Left	U08716.1	WDR20 mRNA
U08717	WDR21	WD repeat domain 21	1	110,000,000	110,000,000	-	Left	U08717.1	WDR21 mRNA
U08718	WDR22	WD repeat domain 22	1	110,000,000	110,000,000	-	Left	U08718.1	WDR22 mRNA
U08719	WDR23	WD repeat domain 23	1	110,000,000	110,000,000	-	Left	U08719.1	WDR23 mRNA
U08720	WDR24	WD repeat domain 24	1	110,000,000	110,000,000	-	Left	U08720.1	WDR24 mRNA
U08721	WDR25	WD repeat domain 25	1	110,000,000	110,000,000	-	Left	U08721.1	WDR25 mRNA
U08722	WDR26	WD repeat domain 26	1	110,000,000	110,000,000	-	Left	U08722.1	WDR26 mRNA
U08723	WDR27	WD repeat domain 27	1	110,000,000	110,000,000	-	Left	U08723.1	WDR27 mRNA
U08724	WDR28	WD repeat domain 28	1	110,000,000	110,000,000	-	Left	U08724.1	WDR28 mRNA
U08725	WDR29	WD repeat domain 29	1	110,000,000	110,000,000	-	Left	U08725.1	WDR29 mRNA
U08726	WDR30	WD repeat domain 30	1	110,000,000	110,000,000	-	Left	U08726.1	WDR30 mRNA
U08727	WDR31	WD repeat domain 31	1	110,000,000	110,000,000	-	Left	U08727.1	WDR31 mRNA
U08728	WDR32	WD repeat domain 32	1	110,000,000	110,000,000	-	Left	U08728.1	WDR32 mRNA
U08729	WDR33	WD repeat domain 33	1	110,000,000	110,000,000	-	Left	U08729.1	WDR33 mRNA
U08730	WDR34	WD repeat domain 34	1	110,000,0					



A horizontal number line with arrows at both ends. Major tick marks are labeled -200, -100, and -1. There are 10 minor tick marks between each major tick mark, representing increments of 10.