

Supplementary Table S7. The prediction of the transcription factors of AC090825.1.

seqname	source	feature	start	end	score	strand	frame	attributes
AC090825.1 N R_135737	TFBS	TFBS	565	570	1	-	.	TF=ZNF354C;class=C2H2 zinc finger factors;sequence=ATCACAC
AC090825.1 N R_135737	TFBS	TFBS	2021	2026	1	-	.	TF=ZNF354C;class=C2H2 zinc finger factors;sequence=ATCACAC
AC090825.1 N R_135737	TFBS	TFBS	1588	1594	1	+	.	TF=NFATC2;class=Rel homology region (RHR) factors;sequence=TTT TCCA
AC090825.1 N R_135737	TFBS	TFBS	1947	1956	1	+	.	TF=KLF5;class=C2H2 zinc finger factors;sequence=GCC CCGCCCC
AC090825.1 N R_135737	TFBS	TFBS	1952	1961	1	+	.	TF=KLF5;class=C2H2 zinc finger factors;sequence=GCC CCGCCCC
AC090825.1 N R_135737	TFBS	TFBS	2261	2268	1	-	.	TF=LBX1;class=Homeo domain factors;sequence=TTA ATTAG
AC090825.1 N R_135737	TFBS	TFBS	2260	2269	1	+	.	TF=ALX3;class=Homeo domain factors;sequence=TCT AATTAAA
AC090825.1 N R_135737	TFBS	TFBS	2261	2268	1	+	.	TF=ISX;class=Homeo domain factors;sequence=CTA ATTAA
AC090825.1 N R_135737	TFBS	TFBS	2261	2268	1	+	.	TF=NKX6-2;class=Homeo domain factors;sequence=CTA ATTAA
AC090825.1 N R_135737	TFBS	TFBS	292	300	1	-	.	TF=PITX3;class=Homeo domain factors;sequence=CTT AATCCC
AC090825.1 N	TFBS	TFBS	226	22	1	+	.	TF=PRRX1;class=Homeo

R_135737	S			1	68				domain factors;sequence=CTA ATTAA TF=UNCX;class=Homeo
AC090825.1 R_135737	N S	TFB S	TFBS	226 1	22 68	1	+	.	domain factors;sequence=CTA ATTAA TF=MEIS1;class=Homeo
AC090825.1 R_135737	N S	TFB S	TFBS	148 7	14 93	1	+	.	domain factors;sequence=TTG ACAG TF=MEIS3;class=Homeo
AC090825.1 R_135737	N S	TFB S	TFBS	148 7	14 94	1	+	.	domain factors;sequence=TTG ACAGG TF=RBPJ;class=Rel
AC090825.1 R_135737	N S	TFB S	TFBS	981	99 0	1	-	.	homology region (RHR) factors;sequence=CCT GGGAAAG TF=ZNF384;class=C2H2
AC090825.1 R_135737	N S	TFB S	TFBS	301	31 2	1	+	.	zinc finger factors;sequence=TTT AAAAAAAAA TF=VDR;class=Nuclear
AC090825.1 R_135737	N S	TFB S	TFBS	711	71 8	1	-	.	receptors with C4 zinc fingers;sequence=TGA GTTCA TF=VDR;class=Nuclear
AC090825.1 R_135737	N S	TFB S	TFBS	238 9	23 96	1	-	.	receptors with C4 zinc fingers;sequence=TGA GTTCA TF=ARGFX;class=Homeo
AC090825.1 R_135737	N S	TFB S	TFBS	226 0	22 69	1	+	.	domain factors;sequence=TCT AATTAAA TF=KLF15;class=C2H2
AC090825.1 R_135737	N S	TFB S	TFBS	195 2	19 62	1	+	.	zinc finger factors;sequence=GCC CCGCCCCC TF=ZNF460;class=C2H2
AC090825.1 R_135737	N S	TFB S	TFBS	114 2	11 57	1	+	.	zinc finger factors;sequence=GCC

AC090825.1 N	TFB	TFBS	226	22					TCAGCCTCCCGAG
R_135737	S		1	68	1	+	.		TF=LHX9;class=Homeo domain factors;sequence=CTA ATTAA
AC090825.1 N	TFB	TFBS	226	22					TF=PRRX2;class=Homeo domain factors;sequence=CTA ATTAA
R_135737	S		1	68	1	+	.		
AC090825.1 N	TFB	TFBS	292	29	0.9998				TF=RHOXF1;class=Homeo domain factors;sequence=TTA ATCCC
R_135737	S			9	52312	-	.		
AC090825.1 N	TFB	TFBS	226	22	0.9992				TF=SHOX;class=Homeo domain factors;sequence=TTA ATTAG
R_135737	S		1	68	22304	-	.		
AC090825.1 N	TFB	TFBS	130	13	0.9991				TF=MEIS1;class=Homeo domain factors;sequence=ATG ACAG
R_135737	S		0	06	27731	+	.		
AC090825.1 N	TFB	TFBS	143	14	0.9991				TF=MEIS1;class=Homeo domain factors;sequence=ATG ACAG
R_135737	S		4	40	27731	+	.		
AC090825.1 N	TFB	TFBS	168	16	0.9991				TF=MEIS1;class=Homeo domain factors;sequence=ATG ACAG
R_135737	S		0	86	27731	+	.		
AC090825.1 N	TFB	TFBS	226	22	0.9990				TF=RAX2;class=Homeo domain factors;sequence=CTA ATTAA
R_135737	S		1	68	94201	+	.		
AC090825.1 N	TFB	TFBS	226	22	0.9988				TF=NKX6-1;class=Homeo domain factors;sequence=CTA ATTAA
R_135737	S		1	68	97959	+	.		
AC090825.1 N	TFB	TFBS	211	21	0.9987				TF=RHOXF1;class=Homeo domain factors;sequence=TTA ATCCA
R_135737	S		1	18	98659	-	.		
AC090825.1 N	TFB	TFBS	226	22	0.9987				TF=LHX5;class=Homeo domain factors;sequence=CTA
R_135737	S		1	68	12673	+	.		

AC090825.1 N	TFB	TFBS	226	22	0.9986	-	·	ATTAA
R_135737	S		1	68	36203			TF=TLX2;class=Homeo domain factors;sequence=TTAATTAG
AC090825.1 N	TFB	TFBS	226	22	0.9984	+	·	TF=MIXL1;class=Homeo domain factors;sequence=TCTAATTAAA
R_135737	S		0	69	79883			TF=MEIS2;class=Homeo domain factors;sequence=TTGACAGG
AC090825.1 N	TFB	TFBS	148	14	0.9983	+	·	TF=PITX2;class=Homeo domain factors;sequence=TTAATCCC
R_135737	S		7	94	31277			TF=MYB;class=Tryptophan cluster factors;sequence=ACCAACTGTA
AC090825.1 N	TFB	TFBS	777	78	0.9956	-	·	TF=NR2C2(var.2);class=Nuclear receptors with C4 zinc fingers;sequence=GAGGTCAG
R_135737	S		7	64	37296			TF=NR2C2(var.2);class=Nuclear receptors with C4 zinc fingers;sequence=GAGGTCAG
AC090825.1 N	TFB	TFBS	139	13	0.9952	-	·	TF=MEIS1;class=Homeo domain factors;sequence=CTGACAG
R_135737	S		1	98	37296			TF=MEIS1;class=Homeo domain factors;sequence=CTGACAG
AC090825.1 N	TFB	TFBS	683	68	0.9949	+	·	TF=ZNF384;class=C2H2 zinc finger factors;sequence=TTAAAAAAAAAA
R_135737	S		9	9	89704			TF=NR2C1;class=Nucle
AC090825.1 N	TFB	TFBS	173	17	0.9949	-	·	
R_135737	S		4	40	89704			
AC090825.1 N	TFB	TFBS	302	31	0.9949	+	·	
R_135737	S		3	3	14257			
AC090825.1 N	TFB	TFBS	125	12	0.9948	-	·	

R_135737	S		7	65	46925			ar receptors with C4 zinc fingers;sequence=CGA GGTCAG TF=NR2C1;class=Nucle ar receptors with C4 zinc fingers;sequence=CGA GGTCAG TF=ZNF384;class=C2H2 zinc finger factors;sequence=TAA AAAAAAAAA TF=PITX1;class=Homeo domain factors;sequence=TTA ATCCC TF=ZNF354C;class=C2H 2 zinc finger factors;sequence=CTC CAC TF=TEAD3;class=TEA domain factors;sequence=ACA TTCCT TF=HOXC4;class=Homeo domain factors;sequence=CTC ATTAA TF=DRGX;class=Homeo domain factors;sequence=TTA ATTAG TF=PDX1;class=Homeo domain factors;sequence=CTA ATTAA TF=ZNF384;class=C2H2 zinc finger factors;sequence=AAA AAAAAAAAA TF=ZNF384;class=C2H2 zinc finger factors;sequence=AAA
AC090825.1 R_135737	N S	TFB S	TFBS	139 1	13 99	0.9948 46925	-	.
AC090825.1 R_135737	N S	TFB S	TFBS	303	31 4	0.9948 32864	+	.
AC090825.1 R_135737	N S	TFB S	TFBS	292	29 9	0.9947 78353	-	.
AC090825.1 R_135737	N S	TFB S	TFBS	181 1	18 16	0.9940 48003	+	.
AC090825.1 R_135737	N S	TFB S	TFBS	823	83 0	0.9937 95438	-	.
AC090825.1 R_135737	N S	TFB S	TFBS	121	12 8	0.9937 04332	+	.
AC090825.1 R_135737	N S	TFB S	TFBS	226 1	22 68	0.9936 95647	-	.
AC090825.1 R_135737	N S	TFB S	TFBS	226 1	22 68	0.9934 80683	+	.
AC090825.1 R_135737	N S	TFB S	TFBS	304	31 5	0.9932 30986	+	.
AC090825.1 R_135737	N S	TFB S	TFBS	305	31 6	0.9932 30986	+	.

AC090825.1 N	TFB	TFBS	306	31	0.9932	+	·	AAAAAAAAA TF=ZNF384;class=C2H2 zinc finger factors;sequence=AAA AAAAAAAAA
R_135737	S			7	30986			
AC090825.1 N	TFB	TFBS	103	10	0.9932	-	·	TF=ZNF384;class=C2H2 zinc finger factors;sequence=AAA AAAAAAAAA
R_135737	S		2	43	30986			
AC090825.1 N	TFB	TFBS	103	10	0.9932	-	·	TF=ZNF384;class=C2H2 zinc finger factors;sequence=AAA AAAAAAAAA
R_135737	S		3	44	30986			
AC090825.1 N	TFB	TFBS	103	10	0.9932	-	·	TF=ZNF384;class=C2H2 zinc finger factors;sequence=AAA AAAAAAAAA
R_135737	S		4	45	30986			
AC090825.1 N	TFB	TFBS	103	10	0.9932	-	·	TF=ZNF384;class=C2H2 zinc finger factors;sequence=AAA AAAAAAAAA
R_135737	S		5	46	30986			
AC090825.1 N	TFB	TFBS	103	10	0.9932	-	·	TF=ZNF384;class=C2H2 zinc finger factors;sequence=AAA AAAAAAAAA
R_135737	S		6	47	30986			
AC090825.1 N	TFB	TFBS	194	19	0.9931	+	·	TF=KLF15;class=C2H2 zinc finger factors;sequence=GCC CCGCCCCG
R_135737	S		7	57	84677			
AC090825.1 N	TFB	TFBS	226	22	0.9929	-	·	TF=MIXL1;class=Homeo domain factors;sequence=TTT AATTAGA
R_135737	S		0	69	52069			
AC090825.1 N	TFB	TFBS	226	22	0.9928	+	·	TF=DRGX;class=Homeo domain factors;sequence=CTA ATTAA
R_135737	S		1	68	6404			
AC090825.1 N	TFB	TFBS	226	22	0.9922	+	·	TF=GSX2;class=Homeo domain factors;sequence=CTA ATTAA
R_135737	S		1	68	69432			
AC090825.1 N	TFB	TFBS	226	22	0.9920	+	·	TF=TLX2;class=Homeo domain factors;sequence=CTA
R_135737	S		1	68	6191			

AC090825.1 N R_135737	TFB S	TFBS	226 1	22 68	0.9915 4001	+	·	ATTAATF=DLX6;class=Homeo domain factors;sequence=CTA ATTAATF=NFATC4;class=Rel homology region (RHR) factors;sequence=GAT GGAAAAATTF=HOXD4;class=Homeo domain factors;sequence=CTC ATTAATF=MNX1;class=Homeo domain factors;sequence=TCT AATTAAATF=OTX1;class=Homeo domain factors;sequence=TTA ATCCCTF=ZNF384;class=C2H2 zinc finger factors;sequence=TCA AAAAAAAAATF=EMX1;class=Homeo domain factors;sequence=TTA ATTAGTF=MEIS1;class=Homeo domain factors;sequence=TTG ACAA
AC090825.1 N R_135737	TFB S	TFBS	158 7	15 96	0.9909 14365	-	·	
AC090825.1 N R_135737	TFB S	TFBS	121	12 8	0.9906 38987	+	·	
AC090825.1 N R_135737	TFB S	TFBS	226 0	22 69	0.9905 91174	+	·	
AC090825.1 N R_135737	TFB S	TFBS	292	29 9	0.9905 31244	-	·	
AC090825.1 N R_135737	TFB S	TFBS	103 8	10 49	0.9903 26324	-	·	
AC090825.1 N R_135737	TFB S	TFBS	226 1	22 68	0.9901 78233	-	·	
AC090825.1 N R_135737	TFB S	TFBS	224 7	22 53	0.9901 62411	+	·	