

Table SIV. Potential TFs of hub modules.

Hub module	Predicted TFs	Common elements in 'DEGs' and 'Predicted TFs'
Purple	ATF4 FOS MYC ATF3 CEBPG JUN NFIL3 BACH2 TEF JDP2 DBP HLF	JUN ATF3 CEBPG NFIL3 FOSL2
	CREB1 NFE2 JUND BACH1 MYB TP53 ATF2 FOSL1 PAX4 PLAG1	FOSL1 FOS MYC JUND
	SRF ESR1 FOSL2	
Brown	ZBTB18 NEUROD1 YY1 FOXQ1 TP63 MYOG MYF5 MYF6 MYOD1	BCL6 MYEF2
	NFATC1 USP39 TP73 HNRNPH3 FOXK1 NR2E1 NFAT5 MYEF2 BCL6	
Salmon	FOXO4 KLF7 KLF8 MYBL1 TBX21 SOX3 ZNF462 ZNF729 RELA	TFCP2L1 RELA SOX3
	FOXO1 PITX1 TEAD4 HOXD12 HOXA10 HOXD11 ALX4 CDX2 CDX1	
	BPTF EP300 HOXC10 SP2 HOXD11 TFCP2L1 FOXO3 HOXD9 HOXC12	
	IRF2 ZNF449 MAFG PPARG HOXA13 ETV4 ZFP90 POU2F1	
Black	TEF ZNF224 ETS2 ETS1 DRGX FLI1 HLF ETV5 SOX10 THRA ZNF626	ETS2 SOX9 SOX10
	HSF1 STAT1 SOX9 SOX21 ZNF563 STAT5A	
Magenta	SPIB SPI1 TEAD4 SPIC IRF4 ETS1 YY1 ELF5 ERG BCL11A ATF5	IRF4 REL
	NKX3-2 IKZF2 ELF1 FOXI1 PURA FOXJ2 BRF1 ELF2 REL RORB	
	TCF3 FLI1 BDP1 ZNF536 RELA TAL1 RELB NR2E1 ZNF398 POU5F1	

TF, transcription factor; DEG, differentially expressed gene.