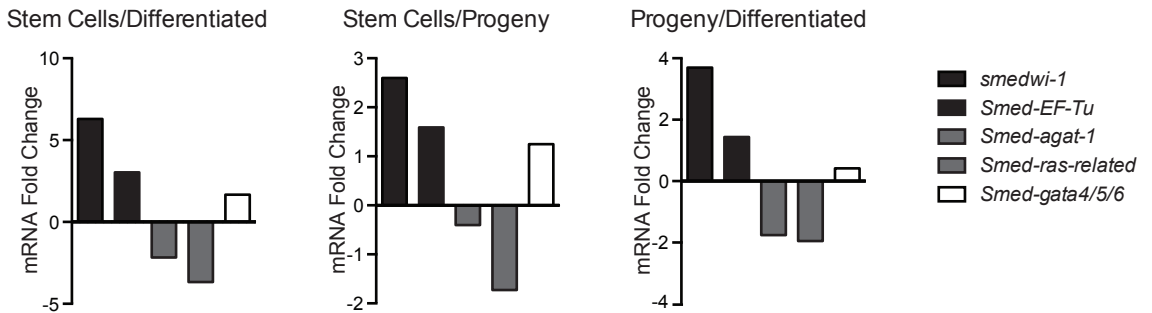


Figure S1

A

	N-Terminal Finger	Basic Region	% Identity to Smed-gata4/5/6
GATA-4_H.sapiens	* * * * *	* * * * *	
	CVNCGAMSTPLWRRDGTGHYLCNACGLYHKMNGINRPLIKPQRRLSASRR-----		44
GATA-5_H.sapiens		* * * * *	
	CVNCGALSTPLWRRDGTGHYLCNACGLYHKMNGVNRPLVRPQKRLSSSRR-----		46
GATA-6_H.sapiens		* * * * *	
	CVNCGSIQTPLWRRDGTGHYLCNACGLYSKMNGLSRPLIKPQKRVPSRR-----		51
GATA456_S.mediterranea		* * * * *	
	CVNCGASNTQLWSRDNSGYLCCDCDRFSQNNRSRNLKLPINQVSSSTENEFMKKSANFQQYQGR		-
	C-Terminal Finger	Basic Region	
GATA-4_H.sapiens	* * * * *	* * * * *	77
	CANCTTTTTLWRRNAEGEPVCNACGLYMKLHGVPRLAMRKEGIQTRKRKPK		
GATA-5_H.sapiens		* * * * *	79
	CTNCHTTTTLWRRNSEGEPVCNACGLYMKLHGVPRLAMKKEIQTRKRKPK		
GATA-6_H.sapiens		* * * * *	75
	CANCHTTTTLWRRNAEGEPVCNACGLYMKLHGVPRLAMKKEIQTRKRKPK		
GATA456_S.mediterranea		* * * * *	-
	CSNCKITKTSLWRRNNEGEPVCNACGLYKHLKLSRPLSMRKEGIQTRKRKPK		

B



C

