

S4 Table. Fold changes of Promoters and Response Elements

<i>hBM-MSC (n=2)</i>			<i>hHF-MSC (n=3)</i>		
<i>Pr/RE</i>	<i>Fold change</i>	<i>p-value (curve)</i>	<i>Pr/RE</i>	<i>Fold change</i>	<i>p-value (curve)</i>
ACTA2-Pr	7.19 ± 2.68	4.65E-07	ACTA2-Pr	12.42 ± 1.40	1.23E-08
CArG-RE	3.75 ± 0.00	1.95E-04	CArGA-RE	5.47 ± 3.40	7.07E-06
ACTB-Pr	3.45 ± 0.12	9.24E-06	CArG-RE	5.19 ± 0.56	3.00E-03
Smad2/3-RE	3.17 ± 0.04	3.31E-07	Smad 7-RE	5.14 ± 2.31	3.35E-06
Smad7-RE	2.59 ± 0.31	7.65E-06	ACTB-Pr	4.62 ± 0.54	5.99E-06
CArGA-RE	2.37 ± 0.00	4.17E-07	Smad2/3-RE	2.71 ± 0.42	4.77E-06
SM22-Pr	1.77 ± 0.13	7.94E-07	KLF4-RE	1.76 ± 0.52	1.85E-02
rMYH11-Pr	1.34 ± 0.00	5.26E-04	SM22-Pr	1.62 ± 0.26	2.74E-02
KLF4-RE	1.20 ± 0.00	1.50E-02	rMYH11-Pr	1.41 ± 0.17	9.07E-03
ATF6-RE	2.31 ± 0.05	2.16E-03	HIF1-RE	1.91 ± 1.13	8.12E-01
STAT3-RE	1.36 ± 0.01	5.26E-01	KLF5-Pr	1.75 ± 0.56	6.72E-01
KLF5-Pr	1.11 ± 0.48	5.50E-01	ATF6-RE	1.63 ± 1.00	7.83E-01
DES-Pr	1.07 ± 0.03	4.42E-02	DES-Pr	1.26 ± 0.21	1.20E-02
EGR1-RE	1.05 ± 0.11	5.69E-02	EGR1-RE	1.07 ± 0.02	2.65E-01
SMAD1/5/8-RE	1.00 ± 0.00	7.53E-03	SP1-RE	1.05 ± 0.06	2.47E-01
HIF1-RE	1.02 ± 0.04	4.66E-02	CSRP2-Pr	1.03 ± 0.10	9.31E-02
SMTNB-Pr	0.99 ± 0.05	2.57E-02	Smad4-RE	0.98 ± 0.07	1.54E-01
MKL1-Pr	0.99 ± 0.03	4.96E-02	SMTNB-Pr	0.98 ± 0.09	1.00E-03
SP1-RE	0.99 ± 0.06	2.60E-01	Nanog-RE	0.90 ± 0.26	8.82E-01
CSRP2-Pr	0.98 ± 0.01	5.00E-03	MKL1-Pr	0.93 ± 0.04	2.14E-01
Smad4-RE	0.96 ± 0.05	1.70E-03	PITX2-Pr	0.93 ± 0.07	2.64E-02
p53-RE	0.91 ± 0.01	1.99E-02	SMAD1/5/8-RE	0.86 ± 0.05	2.81E-01
PITX2-Pr	0.89 ± 0.06	1.52E-01	ERK-RE	0.80 ± 0.15	4.92E-02
ERK-RE	0.83 ± 0.03	2.52E-03	p53-RE	0.78 ± 0.14	3.05E-01
Nanog-RE	0.83 ± 0.09	4.62E-01	STAT3-RE	0.75 ± 0.20	6.20E-02
MEF2-RE	0.82 ± 0.07	1.26E-03	MEF2-RE	0.59 ± 0.11	3.00E-04
MKL2-Pr	0.68 ± 0.05	4.70E-02	MKL2-Pr	0.53 ± 0.32	4.16E-01