Supplementary Data

Layout	01	02	03	04	05	06	07	08	09	10	11	12
A	ACSL3	ACSL4	ACSL5	ADM	ARNT	ATF4	AXIN2	BAX	BBC3	BCL2	BCL2A1	BCL2L1
Sal-B	**-1.36**	**-1.16**	**-1.33**	**1.69**	**1.05**	**1.34**	**1.33**	**1.42**	**2.03**	**1.45**	**1.67**	**1.43**
B	BIRC3	BMP2	BMP4	BTG2	CA9	CCL5	CCND1	CCND2	CDKN1A	CDKN1B	CEBPD	CPT2
Sal-B	**1.35**	**1.57**	**1.18**	**1.52**	**2.75**	**-10.38**	**1.60**	**1.45**	**-1.02**	**1.25**	**1.56**	**1.09**
C	CSF1	DAB2	EGFR	EMP1	EPO	FABP1	FAS	FCER2	FOSL1	FTH1	GADD45A	GADD45B
Sal-B	**1.54**	**1.38**	**1.19**	**2.28**	**1.41**	**-1.12**	**1.46**	**-3.07**	**1.24**	**-1.06**	**-1.06**	**1.79**
D	GATA3	GCLC	GCLM	GSR	HERPUD1	HES1	HES5	HEY1	HEY2	HEYL	HMOX1	ICAM1
Sal-B	**2.16**	**1.69**	**1.29**	**1.61**	**-1.10**	**1.23**	**-31.04**	**1.19**	**1.92**	**1.17**	**1.59**	**2.52**
E	ID1	IFNG	IFRD1	IRF1	JAG1	LDHA	LFNG	LRG1	MCL1	MMP7	MYC	NOTCH1
Sal-B	**1.41**	**2.74**	**1.43**	**1.61**	**1.52**	**-1.16**	**1.83**	**1.15**	**1.26**	**7.14**	**1.24**	**1.50**
F	NQO1	OLR1	PCNA	PPARD	PTCH1	RB1	SERPINE1	SLC27A4	SLC2A1	SOCS3	SORBS1	SQSTM1
Sal-B	**1.20**	**1.53**	**1.46**	**1.15**	**1.25**	**-1.06**	**2.10**	**1.28**	**1.31**	**1.35**	**-1.04**	**1.47**
G	STAT1	TNF	TNFSF10	TXN	TXNRD1	VEGFA	WISP1	WNT1	WNT2B	WNT3A	WNT5A	WNT6
Sal-B	**1.45**	**1.79**	**1.75**	**1.07**	**1.56**	**1.00**	**2.05**	**-1.22**	**-1.05**	**1.94**	**1.16**	**4.30**

SUPPLEMENTARY FIG. S1. PCR array analysis of signaling pathways. The expression changes of 84 genes representing 10 signaling pathways determined by Signal Transduction PathwayFinder PCR Array (PAHS-014Z; SABiosciences) analysis at day 14 of differentiation of human embryonic stem cells treated with or without Sal B at the concentration of 1 μM. The name of each gene and its expression fold change compared to those without Sal B is shown in the same grid. The genes and their representative pathways can be found at SABiosciences website (www.sabiosciences.com/rt_pcr_product/HTML/PAHS-014Z.html). PCR, polymerase chain reaction; Sal B, salvianolic acid B.