

Table S7. Comparison of relative SOX17, FOXA2 and CXCR4 expression levels in Definitive Endoderm cells by means of quantitative RT-PCR

Sample	Mean C _v values				PCR Efficiencies				Target gene expression relative to iPS cells			Mean Relative expression							
	SOX17	FOXA2	CXCR4	18S rRNA	SOX17	FOXA2	CXCR4	18S rRNA	SOX17	FOXA2	CXCR4	SOX17	FOXA2	CXCR4					
Undifferentiated iPS cells	34,590	32,081	30,437	15,336	1,781	1,763	1,795	1,717	0,515	1,034	0,481								
	34,473	31,181	30,669	15,277	1,761	1,770	1,793	1,733	0,534	1,701	0,403								
	32,410	32,464	27,803	15,273	1,863	1,811	1,861	1,809	1,849	0,793	2,340								
	32,154	32,479	27,748	15,118	1,846	1,821	1,867	1,824	1,968	0,717	2,207								
iPS cells differentiated in DE1 medium	32,681	35,624	33,942	22,701	1,823	1,798	1,844	1,811	131,590	10,203	4,493	Average	160,35	37,00	473,54				
	33,297	37,059	33,580	22,614	1,788	1,813	1,854	1,825	86,155	4,140	5,331					SD	143,28	31,83	719,27
	35,359	33,398	32,851	23,466	1,843	1,854	1,863	1,819	41,204	60,301	13,869					SEM	58,50	13,00	293,64
	36,088	36,427	32,996	23,563	1,839	1,857	1,840	1,811	28,113	10,603	13,441								
	31,356	32,637	24,667	22,779	1,854	1,817	1,872	1,815	307,027	62,835	1413,940								
	31,101	32,410	24,739	22,825	1,844	1,815	1,857	1,835	368,011	73,897	1390,174								
iPS cells differentiated in DE2 medium	30,929	36,277	33,832	16,905	1,849	1,804	1,837	1,895	11,972	0,219	0,152	Average	120,81	35,42	27,26				
	32,633	34,254	33,787	16,960	1,855	1,792	1,856	1,828	4,419	0,750	0,161					SD	132,25	40,42	31,33
	24,353	24,700	22,477	15,000	1,841	1,803	1,851	1,829	204,187	67,321	52,651					SEM	66,12	20,21	15,67
	24,060	24,681	22,496	15,126	1,836	1,826	1,843	1,827	262,662	73,387	56,095								
iPS cells differentiated in DE3 medium	29,741	35,888	33,158	21,066	1,823	1,792	1,864	1,789	293,192	3,292	2,745	Average	121,20	21,02	89,75				
	30,550	34,996	33,093	21,001	1,836	1,751	1,857	1,809	172,972	5,375	2,748					SD	95,81	25,63	130,33
	33,596	32,031	32,282	21,877	1,806	1,808	1,830	1,817	46,349	52,588	7,635					SEM	39,11	10,46	53,21
	33,172	31,798	31,775	21,737	1,816	1,790	1,859	1,821	55,080	55,546	9,591								
	28,437	31,383	22,103	17,320	1,849	1,810	1,834	1,819	69,067	5,100	264,183								
	27,921	31,641	22,116	17,251	1,870	1,797	1,874	1,819	90,533	4,203	251,603								
iPS cells differentiated in DE4 medium	31,640	35,329	33,393	22,614	1,826	1,794	1,859	1,816	234,407	11,548	5,982	Average	167,12	32,24	615,64				
	34,034	36,836	34,756	22,844	1,853	1,812	1,847	1,810	63,300	5,416	2,965					SD	140,61	20,64	943,03
	35,836	34,847	33,055	23,719	1,827	1,854	1,838	1,816	35,917	29,690	14,221					SEM	57,41	8,42	384,99
	35,324	34,098	33,754	23,602	1,847	1,872	1,848	1,817	45,633	43,173	8,632								
	31,289	32,725	23,873	22,312	1,851	1,815	1,858	1,804	241,926	45,152	1744,474								
	30,653	32,409	23,835	22,431	1,860	1,814	1,868	1,793	381,562	58,482	1917,575								