Supplementary Table S4. Summary of *Homo sapiens* microarray data

	Accession		Number of	
Set	Number	Description	Samples	Reference
1	GSE8884	hESC differentiation into hemangioblasts	6	[1]
2	GSE9865	Reprograming of dermal fibroblasts	13	[2]
3	GSE7234	Expression profile of karyotypically abnormal hESC lines	4	-
4	GSE9086	hESC differentiation into hemangioblasts	13	[1]
5	GSE6561	Culture adaptation of hESCs	4	[3]
6	GSE9832	Reprograming of human somatic cells	16	[4]
7	GSE9709	hIPSCs from neonatal cells	13	[5]
8	GSE9940	Neural differentiation of hESCs	18	-
9	GSE7896	S1P mediated transcriptional regulation in hESCs	8	[6]
10	GSE12390	High-efficiency system for hIPSC generation	21	[7]
11	GSE12034	Transcriptome of human oocytes	6	[8]
12	GSE10809	SOX7 and SOX17 over-expressing hESC lines	8	[9]
13	GSE11350	hIPSCs from adult human testes	12	-

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^{2.} Lowry WE, Richter L, Yachechko R, Pyle AD, Tchieu J, et al. (2008) Generation of human induced pluripotent stem cells from dermal fibroblasts. Proc Natl Acad Sci U S A 105: 2883-2888.

^{3.} Baker DE, Harrison NJ, Maltby E, Smith K, Moore HD, et al. (2007) Adaptation to culture of human embryonic stem cells and oncogenesis in vivo. Nat Biotechnol 25: 207-215.

^{4.} Park IH, Zhao R, West JA, Yabuuchi A, Huo H, et al. (2008) Reprogramming of human somatic cells to pluripotency with defined factors. Nature 451: 141-146.

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