

**Table S-4. Differential expression for human associated genes at day 2**

Gene Information				Bio-functions											
Probe ID	Symbol	Log <sub>2</sub> Fold Change	p Value	Inflammation - Immune response	Angiogenesis	Survival	Cell Proliferation	Cell Cycle	Cell death	Tumor progression	Viral Infection	Cell migration	EMT	Cell Differentiation	Invasion
NM_002507.1	NGFR	2.015	0.034												
NM_005204.2	MAP3K8	1.192	0.030												
NM_003994.4	KITLG	0.759	0.043												
NM_000212.2	ITGB3	0.684	0.003												
NM_004985.3	KRAS	0.447	0.007												
NM_005896.2	IDH1	0.383	0.047												
NM_003955.3	SOCS3	0.336	0.026												
NM_001760.2	CCND3	0.333	0.027												
NM_015850.2	FGFR1	-0.263	0.026												
NM_000267.2	NF1	-0.267	0.019												
NM_018315.4	FBXW7	-0.281	0.034												
NM_004721.3	MAP3K13	-0.315	0.049												
NM_003390.3	WEE1	-0.373	0.037												
NM_001102669.2	RRAS2	-0.387	0.044												
NM_032888.2	COL27A1	-0.447	0.007												
NM_013953.3	PAX8	-0.508	0.033												
NM_004083.4	DDIT3	-0.509	0.034												
NM_003200.2	TCF3	-0.549	0.001												
NM_015675.2	GADD45B	-0.617	0.017												
NM_000601.4	HGF	-0.654	0.033												
NM_144728.2	DUSP10	-0.687	0.006												
NM_002632.5	PGF	-0.807	0.009												
NM_012242.2	DKK1	-0.811	0.012												
NM_001003679.1	LEPR	-1.064	0.013												
NM_022475.1	HHIP	-1.244	0.004												
NM_002155.3	HSPA6	-1.544	0.035												
NM_005252.2	FOS	-1.627	0.001												
NM_030753.3	WNT3	-1.632	0.041												
NM_000721.2	CACNA1E	-1.636	0.005												
NM_000594.2	TNF	-2.090	0.046												
NM_007191.2	WIF1	-2.107	0.011												
NM_052847.1	GNG7	-2.455	0.030												
NM_002423.3	MMP7	-3.316	0.003												
NM_005635.2	SSX1	-4.116	0.021												
NM_025237.2	SOST	-4.473	0.015												

EMT: Epithelial Mesenchymal transition