

Supplementary Table 4. Differences in expression of selected genes between embryonic disc and trophoblast as determined by microarray analysis and qPCR.

Name	Symbol	Fold Change ^a		P-value for qPCR
		Microarray	qPCR	
BMP binding endothelial regulation	<i>BMPER</i>	26.0	1389.0	<0.0001
Calpastatin	<i>CAST</i>	-2.1	-2.4	<0.006
Claudin 11	<i>CLDN11</i>	36.0	205.0	<0.0001
Fibroblast growth factor 2	<i>FGF2</i>	8.9	118.6	<0.0001
GATA binding protein 5	<i>GATA5</i>	15.4	61.4	<0.0001
Growth differentiation factor 3	<i>GDF3</i>	36.7	167.7	<0.0001
Gap junction protein, gamma 1	<i>GJC1</i>	11.4	3.2	N.S.
IGF-like family member 1	<i>IGFL1</i>	20.0	39.4	<0.0005
Nodal	<i>NODAL</i>	16.8	608.9	<0.0001
Serpin peptidase inhibitor, clade A	<i>SERPINA5</i>	15.0	12.8	<0.05
Transmembrane protein with EGF-like and two follistatin-like domain	<i>TMEFF1</i>	11.1	11.3	<0.0001

^a Embryonic disc/trophoblast