

Table 2

Genes differentially expressed in the adhesion fibroblasts and known to have roles in cell-adhesion, -proliferation, -migration, -differentiation and -death.

Accession Number	Definition	Fold Change		Functions
		P1	P2*	
Increased in Intensity				
gi:17986276	Collagen, type IV alpha 2	2.4	2.7	See Discussion
gi:4506760	S100 calcium-binding protein A10	2.3	2.7	See Discussion
gi:6679055	Nidogen 2	6.4	7.1	See Discussion
gi:14250074	Transmembrane 4 superfamily member 1	3.7	2.6	See Discussion
gi:4758081	Chondroitin sulfate proteoglycan 2	3.4	3.2	See Discussion
gi:187538	Metallothionein 1E	4.3	4.0	See Discussion
gi:4336324	Small membrane protein 1	2.4	2.6	Cell viability [54]
gi:17738299	Cyclin-dependent kinase inhibitor 2A	2.0	2.0	Cell proliferation [55]
gi:16359382	Nuclear receptor subfamily 4, group A	1.6	2.1	Antagonizes TNF- α induced apoptosis [56]
gi:40353726	Synaptopodin	2.9	2.4	Actin cytoskeleton dynamics [57]
gi:23398519	Vasodilator-stimulated phosphoprotein	1.5	2.1	Enhances actin based cell motility, Cytoskeletal dynamics [58]
gi:28329	α -Smooth muscle actin	3.0	3.2	Myofibroblast transformation [44]
gi:14574570	Bcl-2 related gene bfl-1	1.6	1.4	Anti apoptotic; inhibitor of p53 induced apoptosis
gi:796812	p53 tumor suppressor	1.5	1.6	Cell cycle arrest and apoptosis [52]
Decreased in Intensity				
gi:184522	Insulin-like growth factor binding protein 3	3.2	2.3	See Discussion
gi:4504618	Insulin-like growth factor binding protein 7	2.3	2.0	Growth suppressing factor [59]
gi:28610153	Interleukin 8	3.2	2.6	Inhibits fibroblast migration, delays wound healing, reduces wound contraction [60]
gi:4504982	Lectin, galactoside-binding, soluble 3 [galectin]	3.0	3.0	Tumor-suppressive and pro apoptotic [61]
gi:12803916	Gap junction protein, beta 1, [Connexin 32]	1.8	2.2	Tumor suppressive and Proapoptotic [62]
gi:14589894	Cadherin 5, type 2, VE-cadherin [vascular]	2.3	1.7	Down regulation associates with tumor metastasis, Initiates endothelial-mesenchymal transdifferentiation [63]
gi: 16198356	Lactotransferrin	2.2	2.1	Inhibits growth of malignant tumors. Elevated by high level of estrogen [64]
gi:21619838	Lipocalin 2, Oncogene 24p3	3.3	2.5	Proapoptotic [65]
gi: 23273645	Calponin 1, basic, Smooth muscle cell	1.7	2.5	Inhibits smooth muscle cell contraction and Tumor Suppressive [66]
gi:40225461	RAP1A, member of RAS oncogene family	1.8	1.6	Inhibits cell proliferation [67]
gi:4507112	Synuclein-gamma	1.5	1.3	Expression reduced in carcinoma [68]

* Adhesion/Normal peritoneal fibroblasts values of gene expression intensity from patient 1 (P1) and 2 (P2).