

S2 Table. The top 20 upregulated proteins were selected according to the ratio of shRNA-1 vs shRNA-NC

Protein description	shRNA-1 vs shRNA-NC ratio	Regulated type	p-value
Protein transport protein Sec24D	1.789	Up	4.84E-05
"Keratin, type I cytoskeletal 17"	1.714	Up	9.27E-07
Fibronectin	1.692	Up	9.20E-04
E3 ubiquitin-protein ligase TRAF7	1.685	Up	1.24E-03
ATPase family AAA domain-containing protein 3B	1.611	Up	9.70E-05
Nestin	1.564	Up	1.69E-03
Prostaglandin G/H synthase 2	1.551	Up	4.99E-03
"Keratin, type II cytoskeletal 80"	1.541	Up	1.54E-05
Cyclin-dependent kinase 6	1.535	Up	1.59E-04
Mucin-1	1.519	Up	1.88E-03
Intercellular adhesion molecule 1	1.506	Up	6.52E-03
Minor histocompatibility antigen H13	1.491	Up	2.16E-03
Disabled homolog 2	1.488	Up	1.98E-08
Melanoma-associated antigen D2	1.454	Up	8.26E-13
Bifunctional 3'-phosphoadenosine 5'-phosphosulfate synthase 2	1.442	Up	1.37E-03
Pyridoxal-dependent decarboxylase domain-containing protein 1	1.433	Up	5.11E-15
Hepatocyte growth factor receptor	1.415	Up	1.01E-04
Phosphoacetylglucosamine mutase	1.398	Up	5.26E-05
Nuclear factor NF-kappa-B p100 subunit	1.372	Up	4.12E-02
Interleukin-18 ^{a)}	1.35	Up	1.05E-04

^{a)}Interleukin 18 was in the list of the top 20 upregulated proteins.