

**Supplementary Table 2.** Paired analysis of 2D-gels peri- and 6 to 8 months postoperatively and identification of corresponding proteins with tandem mass spectrometry.

Spot Id.	Spot cluster Id.	Accession number <sup>a)</sup>	Gene/Protein designation	Protein description	Protein score <sup>b)</sup>	Change	Paired t-test
2838	8	Q01995	TAGLN	Transgelin	611	-2.4	<0.001
2754	7	P30626	SRI	Sorcin	301	-1.6	0.018
2093	6	P09493	TPM1	Tropomyosin alpha-1 chain	852	-1.6	0.013
2050	6	P09493	TPM1	Tropomyosin alpha-1 chain	1338	-1.6	0.010
1988	6	P07951	TPM2	Tropomyosin beta chain	1121	-1.6	0.024
1678	5	P54868	mHMGCS	Hydroxymethylglutaryl-CoA synthase, mitochondrial	558	-3.6	<0.001
1670	5	P41240	mHMGCS	Hydroxymethylglutaryl-CoA synthase, mitochondrial	577	-3.6	<0.001
1661	5	P41240	mHMGCS	Hydroxymethylglutaryl-CoA synthase, mitochondrial	530	-2.2	<0.001
1660	5	P54868	mHMGCS	Hydroxymethylglutaryl-CoA synthase, mitochondrial	652	-4.0	<0.001
1646	4	P05783	KRT18	Keratin, type I cytoskeletal 18	673	-2.2	<0.001
1640	4	P05783	KRT18	Keratin, type 1 cytoskeletal 18	1029	+1.9	0.008
1627	4	P35900	KRT20	Keratin, type I cytoskeletal 20	1852	+2.0	0.004
1606	4	P35900	KRT20	Keratin, type I cytoskeletal 20	1539	+1.7	0.011
1605	4	P05787	KRT8	Keratin, type II cytoskeletal 8	1226	+2.0	0.033
1603	4	P05787	KRT8	Keratin, type II cytoskeletal 8	1166	+1.8	0.027
1594	4	P05787	KRT8	Keratin, type II cytoskeletal 8	1324	+1.9	0.032
1459	4	P05787	KRT8	Keratin, type II cytoskeletal 8	2026	+1.9	0.002
1441	4	P05787	KRT8	Keratin, type II cytoskeletal 8	1872	+2.1	0.003
1432	4	P05787	KRT8	Keratin, type II cytoskeletal 8	1942	+1.7	0.038
1427	4	P05787	KRT8	Keratin, type II cytoskeletal 8	1567	+2.2	0.004
1421	4	P05787	KRT8	Keratin, type II cytoskeletal 8	1675	+2.0	0.015
935	3	P08238	HSP90AB1	Heat shock protein HSP 90-β	450	-1.6	0.006
478	1	P12109	COL6A1	Collagen alpha-1(VI) chain	701	-1.7	0.002
469	1	P12109	COL6A1	Collagen alpha-1(VI) chain	797	-1.9	0.004
431	2	P18206	VCL	Vinculin	884	-1.7	0.021
420	2	P18206	VCL	Vinculin	1100	-1.8	0.010
416	2	P18206	VCL	Vinculin	1018	-1.7	0.018

a) Accession number in Uniprot database

b) Protein match score in Mascot search results