Supplementary table S1: Unique peptides of epidermal samples from normal skin/normal grafts and LI skin/LI grafts.

				normal skin		normal graft		LI skin		LI graft		
#	Protein	Accession Number	MW	NS1	NS2	NG1	NG2	R.T.	U.H.	LIG1	LIG2	LIG3
1	KRT10	sp|P13645|	59 kDa	111	118	128	111	44	49	87	76	82
2	KRT1	sp|P04264|	66 kDa	94	90	89	92	40	47	60	53	62
3	DSP	sp|P15924|	332 kDa	77	28	40	36	146	128	135	136	137
4	KRT2	sp|P35908|	65 kDa	59	58	98	62	24	19	18	14	15
5	KRT6A	sp|P02538|	60 kDa	32	18	41	36	21	8	61	52	50
6	KPRP	sp|Q5T749|	64 kDa	35	39	35	34	70	59	51	55	53
7	FLG	sp|P20930|	435 kDa	74	110	76	84	10	13	13	12	16
8	JUP	sp|P14923|	82 kDa	30	14	13	19	51	38	55	56	53
9	KRT14	sp|P02533|	52 kDa	35	23	32	33	13	14	58	43	44
10	FLG2	sp|Q5D862|	248 kDa	42	113	77	77	46	33	13	13	12
11	DSG1	sp|Q02413|	114 kDa	25	19	14	24	53	43	45	39	44
12	KRT5	sp|P13647|	62 kDa	34	31	30	30	15	15	30	27	26
13	POF1B	sp|Q8WVV4|	69 kDa	14	2	3	2	31	31	22	28	25
14	AHNAK	sp|Q09666|	629 kDa	74	25	8	42	55	31	23	6	16
15	KRT16	sp|P08779|	51 kDa	15	2	18	19	6	0	31	25	29
16	PKP1	sp|Q13835|	83 kDa	24	2	7	23	32	29	30	28	28
17	SERPINB3	sp|P29508|	45 kDa	20	20	21	18	7	2	17	14	18
18	LOR	sp|P23490|	26 kDa	2	2	0	2	29	24	16	18	22
19	KRT17	sp|Q04695|	48 kDa	11	7	16	10	7	0	23	22	21
20	SPRR2B	sp|P35325|	8 kDa	4	3	4	2	5	6	6	7	6
21	XP32	sp|Q5T750|	26 kDa	9	9	10	7	18	15	15	16	12
22	S100A8	sp|P05109|	11 kDa	5	4	6	3	3	4	6	5	5
23	GAPDH	sp|P04406|	36 kDa	17	15	11	13	5	7	13	13	15
24	KRT77	sp|Q7Z794|	62 kDa	16	19	18	17	0	3	10	10	9
25	ACTG1	sp|P63261|	42 kDa	8	3	2	0	8	4	20	20	19
26	S100A9	sp|P06702|	13 kDa	7	4	6	3	0	2	9	6	8
27	BLMH	sp|Q13867|	53 kDa	12	19	12	16	5	9	12	8	14
28	CASP14	sp|P31944|	28 kDa	14	13	13	16	5	5	9	9	9
29	HAL	sp|P42357|	73 kDa	4	11	16	17	6	5	14	15	20
30	SPRR1A	sp|P35321|	10 kDa	4	3	4	5	5	5	7	6	5
31	ANXA2	sp|P07355|	39 kDa	11	9	13	11	2	5	14	12	15
32	TGM3	sp|Q08188|	77 kDa	16	16	17	15	2	9	9	8	5
33	S100A7	sp|P31151|	11 kDa	11	10	9	4	3	3	8	9	8
34	DSC1	sp|Q08554|	100 kDa	7	0	0	10	16	17	12	8	10
35	KRT78	sp|Q8N1N4|	57 kDa	10	12	12	9	8	9	11	8	9
36	AZGP1	sp|P25311|	34 kDa	7	10	8	8	0	3	6	9	10
37	IVL	sp|P07476|	68 kDa	16	3	3	11	15	5	14	5	10
38	KRT6C	sp|P48668|	60 kDa	2	0	9	8	0	0	12	8	10
39	SERPINB12	sp|Q96P63|	46 kDa	6	10	10	8	6	3	6	4	5
40	KRT80	sp|Q6KB66|	51 kDa	8	11	11	7	6	6	10	11	11
41	PKM2	sp|P14618|	58 kDa	5	2	0	2	0	0	20	14	23
42	IDE	sp|P14735|	118 kDa	7	0	0	0	4	6	17	14	16
43	COL1A1	sp|P02452|	139 kDa	0	2	0	0	4	29	0	0	0
44	TGM1	sp|P22735|	90 kDa	17	10	10	11	0	0	0	4	0
45	A2ML1	sp|A8K2U0|	161 kDa	6	17	13	5	4	0	4	2	4
46	LCE1C	sp|Q5T751|	12 kDa	2	2	0	0	5	4	9	8	8
47	KRT13	sp|P13646|	50 kDa	0	0	11	16	0	0	5	2	3
48	MYH9	sp|P35579|	227 kDa	7	0	0	0	0	0	22	15	17
49	SPRR1B	sp|P22528|	10 kDa	0	0	0	0	2	2	2	2	3
50	COL1A2	sp|P08123|	129 kDa	2	0	0	0	3	15	0	0	0
51	KRT23	sp|Q9C075|	48 kDa	4	4	6	4	2	0	7	5	6
52	GGCT	sp|O75223|	21 kDa	6	3	5	9	0	4	3	2	4
53	HSPB1	sp|P04792|	23 kDa	6	0	0	0	4	2	5	4	5
54	TPI1	sp|P60174|	27 kDa	7	6	2	2	0	0	8	8	7
55	SERPINB4	sp|P48594|	45 kDa	5	0	3	5	0	0	7	5	7
56	ARG1	sp|P05089|	35 kDa	6	2	9	10	0	0	6	2	3
57	EEF1A1	sp|P68104|	50 kDa	4	0	0	3	2	0	6	6	8

58	SPRR2G	sp|Q9BYE4|	8 kDa	2	0	0	0	0	2	2	3	2
59	ENO1	sp|P06733|	47 kDa	5	0	0	2	0	2	11	7	11
60	TXN	sp|P10599|	12 kDa	4	4	6	4	0	0	0	2	3
61	LGALS7	sp|P47929|	15 kDa	6	2	0	0	4	3	4	4	6
62	PLEC1	sp|Q15149|	532 kDa	6	0	4	2	0	0	8	0	7
63	RNASE7	sp|Q9H1E1|	17 kDa	6	2	4	3	0	0	3	2	3
64	FABP5	sp|Q01469|	15 kDa	8	0	0	0	2	0	2	4	5
65	ANXA1	sp|P04083|	39 kDa	0	2	0	0	0	0	10	5	8
66	DSC3	sp|Q14574|	100 kDa	5	0	0	5	2	4	5	2	6
67	GSDMA	sp|Q96QA5|	49 kDa	5	2	5	0	0	0	5	3	2
68	KRT79	sp|Q5XKE5|	58 kDa	2	0	0	0	0	0	5	9	3
69	CRCT1	sp|Q9UGL9|	10 kDa	0	2	0	0	4	3	3	3	3
70	CTSD	sp|P07339|	45 kDa	6	0	0	0	2	0	5	0	4
71	ECM1	sp|Q16610|	61 kDa	6	3	0	0	0	0	2	2	0
72	EEF2	sp|P13639|	95 kDa	2	0	0	0	0	0	5	6	9
73	KRT9	sp|P35527|	62 kDa	0	3	6	8	6	3	0	0	0
74	TUBA1A	sp|Q71U36|	50 kDa	0	0	0	0	0	0	6	7	10
75	ACTN1	sp|P12814|	103 kDa	3	0	0	0	0	0	7	11	5
76	LDHA	sp|P00338|	37 kDa	0	0	0	0	0	0	6	5	6
77	EPPK1	sp|P58107|	556 kDa	2	0	0	0	0	0	4	4	9
78	SFN	sp|P31947|	28 kDa	3	0	0	0	0	0	7	3	4
79	PRDX1	sp|Q06830|	22 kDa	5	0	0	2	0	2	3	3	4
80	EVPL	sp|Q92817|	232 kDa	2	0	0	0	2	0	7	2	8
81	RPS27A	sp|P62988|	9 kDa	3	3	2	2	0	0	3	3	3
82	KRT15	sp|P19012|	49 kDa	0	0	2	4	0	0	3	0	3
83	Elafin	sp|P19957|	12 kDa	0	0	0	0	3	0	2	3	3
84	TUBB2C	sp|P68371|	50 kDa	0	0	0	0	0	0	6	3	8
85	ALOX12B	sp|O75342|	80 kDa	3	0	4	3	2	0	5	3	2
86	KRT3	sp|P12035|	65 kDa	0	0	0	2	0	0	0	0	2
87	CLTC	sp|Q00610|	192 kDa	0	0	0	0	0	0	5	3	9
88	CDSN	sp|Q15517|	52 kDa	0	0	0	0	3	4	2	4	3
89	CAT	sp|P04040|	60 kDa	4	9	3	0	0	0	0	2	2
90	PPL	sp|O60437|	205 kDa	2	0	0	0	3	0	7	0	3
91	KRT74	sp|Q7RTS7|	58 kDa	2	0	0	3	0	0	2	2	0
92	CSTA	sp|P01040|	11 kDa	3	2	3	2	0	0	2	0	2
93	ALDOA	sp|P04075|	39 kDa	4	0	0	0	0	0	4	2	5
94	TGM5	sp|O43548|	81 kDa	0	0	0	0	4	4	0	0	2
95	CALML5	sp|Q9NZT1|	16 kDa	2	3	0	0	0	0	0	0	0
96	CTNNB1	sp|P35222|	85 kDa	0	0	0	0	2	0	2	0	2
97	NCCRP1	sp|Q6ZVX7|	31 kDa	4	2	3	2	0	0	0	0	0
98	LCE2B	sp|O14633|	11 kDa	2	2	0	2	2	3	0	3	0
99	HSP90AB1	sp|P08238|	83 kDa	0	0	0	0	0	0	3	3	3
100	LMNA	sp|P02545|	74 kDa	4	0	0	0	0	0	3	3	0
101	KRT19	sp|P08727|	44 kDa	0	0	0	0	0	0	2	2	0
102	DSG3	sp|P32926|	108 kDa	0	0	0	0	0	0	6	0	6
103	HSPA8	sp|P11142|	71 kDa	2	0	0	0	0	0	2	4	2
104	VCP	sp|P55072|	89 kDa	2	0	0	0	0	0	3	4	3
105	VCL	sp|P18206|	124 kDa	4	0	0	0	0	0	2	3	0
106	YWHAZ	sp|P63104|	28 kDa	0	0	0	0	0	0	3	3	2
107	DSC2	sp|Q02487|	100 kDa	0	0	0	0	0	0	5	5	4
108	FGB	sp|P02675|	56 kDa	0	0	0	0	0	0	5	0	4
109	S100A11	sp|P31949|	12 kDa	4	0	0	0	2	0	0	2	4
110	CAPN1	sp|P07384|	82 kDa	0	3	3	2	0	0	0	0	0
111	ALOXE3	sp|Q9BYJ1|	81 kDa	3	2	0	3	0	0	0	0	0
112	LCE1F	sp|Q5T754|	12 kDa	0	0	0	0	2	2	2	3	0
113	SBSN	sp|Q6UWP8|	25 kDa	2	2	0	0	0	0	0	2	0
114	HIST1H2AB	sp|P04908|	14 kDa	0	0	0	0	0	0	3	2	2
115	KRT4	sp|P19013|	57 kDa	0	0	0	4	0	0	0	2	0
116	LCN2	sp|P80188|	23 kDa	0	0	0	0	0	0	3	3	4
117	ALB	sp|P02768|	69 kDa	0	3	0	0	0	0	0	0	2
118	LCE1A	sp|Q5T7P2|	11 kDa	0	0	0	0	0	2	3	2	0
119	ALDOC	sp|P09972|	39 kDa	2	0	0	0	0	0	2	2	2

120	S100A16	sp|Q96FQ6|	12 kDa	4	0	3	0	0	0	0	0	0
121	ASPRV1	sp|Q53RT3|	37 kDa	2	0	2	2	0	0	3	2	0
122	CNFN	sp|Q9BYD5|	12 kDa	2	2	0	2	0	0	0	0	0
123	FGG	sp|P02679|	52 kDa	0	0	0	0	0	0	4	0	2
124	FLNA	sp|P21333|	281 kDa	0	0	0	0	0	0	2	0	3
125	HSPA5	sp|P11021|	72 kDa	2	3	0	0	0	0	0	0	0
126	KLK7	sp|P49862|	28 kDa	0	0	0	0	0	0	3	0	3
127	FLNB	sp|O75369|	278 kDa	0	0	0	0	0	0	5	0	3
128	KRT72	sp|Q14CN4|	56 kDa	0	0	0	0	0	0	3	2	3
129	PGAM1	sp|P18669|	29 kDa	0	0	0	0	0	0	2	0	3
130	HBB	sp|P68871|	16 kDa	4	0	0	0	0	0	2	0	0
131	GGH	sp|Q92820|	36 kDa	0	2	2	0	0	0	0	0	0
132	FN1	sp|P02751|	263 kDa	0	0	0	0	0	0	5	0	2
133	CTSB	sp|P07858|	38 kDa	2	2	0	0	0	0	2	0	2
134	CPA4	sp|Q9UI42|	47 kDa	2	2	0	2	0	0	0	0	0
135	PRDX2	sp|P32119|	22 kDa	2	0	0	2	0	0	0	0	0
136	PSMA7	sp|O14818|	28 kDa	3	0	2	0	0	0	0	0	0
137	S100P	sp|P25815|	10 kDa	2	0	2	0	0	0	0	0	0
138	PGK1	sp|P00558|	45 kDa	0	0	0	0	0	0	4	0	2
139	SLURP2	sp|Q86SR0|	10 kDa	0	0	0	0	0	0	3	2	0
140	SERPINB5	sp|P36952|	42 kDa	0	0	0	0	0	0	2	0	2
141	LCE2A	sp|Q5TA79|	11 kDa	0	0	0	0	0	0	2	3	0
142	C9orf169	sp|A8MQ03|	15 kDa	0	0	0	0	2	3	0	0	0
143	GDI2	sp|P50395|	51 kDa	2	0	0	0	0	0	0	2	0
144	PKP3	sp|Q9Y446|	87 kDa	0	0	0	0	0	0	0	2	2
145	ANXA8	sp|P13928|	37 kDa	0	0	0	0	0	0	0	2	2
146	CDA	sp|P32320|	16 kDa	3	0	2	0	0	0	0	0	0
147	DDX3X	sp|O00571|	73 kDa	0	0	0	0	0	0	2	0	2