

Table S1 Two hundred and twenty-seven differentially expressed genes in lung metastasis tissue in mice treated with GL-pp group compared with T+SF group.

Gene Symbol	Majority Protein IDs	-LgP
Iqsec1	E9PUA3;A0A087WQ39;Q8R0S2;Q8R0S2-2	1.46174
Nudt16	A0A087WRE5;Q6P3D0;A0A087WSB5	1.4719
Arhgap21	Q6DFV3;B7ZCJ0;A0A0A0MQE8;B7ZCJ1;G3UWM5	1.47788
Nptn	A0A0A0MQN8;H3BIX4;Z4YLB7;P97300-3;P97300-1;P97300	1.4315
Rab3gap2	Q8BMG7;A0A0A6YWM5;E9QKE4	2.13792
Mast4;Mast2	E9PWX8;E9QPR4;A0A0A6YXG1;Q811L6;E9Q6G0;E9Q4Q9;Q811L6-2;E9Q1M8;B1AST8;Q60592;B1AST7;E9QLW6;E9Q1Q1	1.54809
Kiaa1522	A2A7S8-2;A2A7S8-3;A2A7S8;A2A7S8-4	2.04034
Dock11	A2AF47;A2AF67	2.27421
Ubr4	A2AN08-3;A2AN08;A2AN08-5	1.31362
Aqr	A2AQA7;Q8CFQ3	1.6308
Tp53bp1;Trp53bp1	P70399;A2AU91;P70399-3;A2AU89;P70399-2	1.96478
Dab2ip	Q3UHC7-2;F6RK07;A2AUX5;Q3UHC7-4;A2AUX3;Q3UHC7-3;B7ZD29;Q3UHC7;F6QQP6	1.57137
Dennd3	A2RT67;G3UYA1;F7B6S5	1.46691
Ttc38	A3KMP2;A3KMP2-2	2.82207
Chp1	B0R091;P61022	1.88011
Ssbp3	Q9D032-2;B1AS37;Q9D032	3.18845
Grb2	B1AT92;Q60631;Q60631-2	2.57596
Hgs	B1ATZ0;B1ATZ1;Q99LI8;Q3UMA3;B1ATY9	1.54796
Aifm1	B1AU25;Q9Z0X1	2.37571
Mtm1	B1AW21;Q9Z2C5	1.7601
Dock5	B2RY04	1.37987
Finc	Q8VHX6-2;D3YW87;Q8VHX6;D3Z576	1.36591
Tmem109	D3Z7P2;D3Z3Z2;D3YX08;D3Z0I8;Q3UBX0	1.52107
Snrk	D3Z1F6;Q8VDU5	2.29587
Fip1l1	Q9D824-4;D3Z619;Q9D824-3;Q9D824-2;Q9D824;D3Z3F1;D3Z4V2	1.77142
Plid1	Q9Z280;D6RH77;Q9Z280-2;Q6NVF2;F6WKY8	1.63769
Mob4	E0CXA9;Q6PEB6;E0CYJ0;G8JL35	1.34826
Urb1	Q571H0;E9PU96	1.73503
Csnk1a1	E9Q4G7;Q8BK63;E9Q3W1;E9PWB2;Q8BK63-2;H7BXB1;E9Q2U6;F6YBC9	1.39774
Lpin2	Q99PI5;E9PWN0	2.28276
Itsn1	Q9Z0R4;E9Q0N0;E9Q3I4;Q9Z0R4-2;E9Q3I5;E9Q3I8;E9Q3I9	1.55464
Gm15800	E9Q2E4;E9PX61	1.8388
Pi4ka	E9Q3L2	1.69168
Kif14;kif14	E9Q3T3;L0N7N1	2.32863
Mvp	Q9EQK5;E9Q3X0	2.06793
Nbas	E9Q411	2.30592
Dctn1	E9Q586;O08788-2;E9Q3M3;O08788;D3YX34	1.58502

Myo1e	E9Q634	1.37397
Mllt4	E9Q9C3	1.36837
Ccdc93	E9QAD4;Q7TQK5	1.37062
Chd4	E9QAS4;Q6PDQ2;E9QAS5	1.47152
Shroom3	Q9QXN0-3;E9QMY5;Q9QXN0-4;Q9QXN0;Q9QXN0-2	1.34679
Itsn2	E9QNG1;Q9Z0R6;Q9Z0R6-2	1.90506
Vwf	Q8CIZ8;E9QPU1	1.70974
Col18a1	P39061-2;P39061-1;P39061;E9QPX1	2.14233
lqce	F6R782;Q6PCQ0-2;Q6PCQ0	1.45197
Ctss	O70370;F6WR04	1.56976
Spef1	F6ZW13;Q99JL1	1.57958
Agap3	Q8VHH5;F8VQE9;Q8VHH5-2	1.52072
Sash1	P59808;F8VQK5	1.90949
Sftpb	S4R2L6;F8WKG6;P50405;S4R1N7;S4R239	2.08077
Ddx24	Q9ESV0;F8WJAO	1.32537
Zc3h18	Q0P678;G3X8T2;H3BIW0;H3BJJ9	2.066
Ctsa	P16675;G3X8T3	1.45249
Dnm2	G3X9G4;Q3TCR7	1.33661
Ckap5	K3W4R5;Z4YL78;A2AGT5-3;A2AGT5;A2AGT5-2	1.65777
Serpnb6b	O08804;F7B9A0	2.60254
Cyth3	O08967;G5E8Q4	1.63327
Srsf5	O35326;Q9D8S5	1.41643
Anxa8	O35640;Q921D0	1.87681
Sptlc1	O35704	1.38061
Gp1ba	O35930	2.04769
Ddost	O54734	2.13331
Rpl35a	O55142	1.83453
Mmp8	O70138	1.60971
Hmox2	O70252;D3YX62	1.37959
Sorl1	O88307	2.05796
Plin4	O88492-2;O88492	1.61097
Mb	P04247	1.3543
H1f0	P10922	1.87662
Umps	P13439	1.45934
Hspb1	P14602;P14602-2;D3YZ06;P14602-3	1.50879
Hist1h1c	P15864	1.47504
Mut	P16332	1.83928
Ubl4a	P21126	1.47862
Tgm2	P21981	1.4393
Pdgfra	P26618;P26618-2	1.45752
Rpl3	P27659	1.33626
Adss1	P28650;P28650-2;J3QN31	3.40216
Kras	P32883-2	1.87109

Ptk2	P34152-3;P34152-4;P34152-2;P34152;P34152-6;P34152-5	1.41824
Csk	P41241	2.33919
Hist1h1b	P43276	1.66268
Adss	P46664	1.86516
Yap1	P46938-2;P46938;G3UYA6;G3UY62;G3UYV4;G3UYW7	1.30736
Aldh3a1	P47739	1.881
Lmna	P48678;P48678-2;P48678-3	1.60338
Hsd17b8;H2-Ke6	P50171;P50171-2;G3UX44	1.7054
Usp10	P52479-2;P52479	1.37132
Nub1	P54729	1.4769
Cox6b1	P56391	1.83554
Rin3	P59729;Q3U332	1.33989
Magoh;Magohb	P61327;Q9CQL1;A0A023T778;G3UZW7;G3UYI5	1.34429
Copz1	P61924	1.50386
Rps8	P62242	1.61337
Rpl18a	P62717	1.47665
Mtpn	P62774	1.7234
Hist1h4a	P62806	1.48535
Rpl30	P62889	1.58856
Rpl32	P62911	1.80634
Rpl8	P62918	1.7102
Crnkl1	P63154	1.55864
Rps17	P63276	1.5743
Stim1	P70302	1.52051
Slc9a3r1	P70441	1.37481
Cct5	P80316	1.36414
Fmo3	P97501	1.38488
Lypla1	P97823;P97823-2;J3QP56;D3YUG4;D3Z111	1.44748
Cab39	Q06138	1.40014
Dnajb2	Q9QYI5-2;Q9QYI5;Q3TB24	1.56135
Hp1bp3	Q3TEA8-2;Z4YKB8;Q3TEA8;Z4YKA3;Q3TEA8-3;A2AM65	1.48437
Lpcat1	Q3TFD2;Q3TFD2-2;Q3TFD2-3	1.56185
Pde12	Q3TIU4	2.10927
Zc3h15	Q3TIV5	1.45454
Ap5z1	Q3U829	1.425
Lbr	Q3U9G9;A0A0A6YY12	3.38316
Parva	Q3UF75;Q9EPC1	1.42049
Plekha7	Q3UIL6-3;Q3UIL6-4;Q3UIL6-5;Q3UIL6;Q3UIL6-6;Q3UIL6-2	1.31966
Sf3b2	Q3UJB0	1.50682
Parp3	Q8CFB8;Q3ULW8	1.35497
Nme7	Q8BUH2;Q9QXL8;Q3UMG6	2.04517
Iqgap2	Q3UQ44	1.89883
Rcsd1	Q3UZA1-2;Q3UZA1	1.44466

Phactr4	Q501J7-2;Q501J7;Q501J7-3	1.5586
Thrap3	Q8BZN7;Q569Z6	1.3066
Lrrk2	Q5S006	1.81123
Tom1l2	Q5SRX1;Q5SRX1-2;Q5SRX1-3;Q5SRX1-4;Q5SXA5;Q5SXA4	1.41588
Clint1	Q5SUH6;Q5SUH7;Q99KN9-2;Q99KN9	2.24784
Lama2	Q60675;A0A087WRP2	1.4191
Aplp2	Q60709;Q06335-2;Q06335	1.76368
Stxbp3	Q60770;Q60770-2	1.38385
Pml	Q60953;D3Z3A6;D3YXR5;Q60953-2;F7BTZ2	2.93636
Hcfc1	Q61191;B1AUX2	1.70043
Arhgdib	Q61599	1.5929
Kif5b	Q61768;E9QAK5	1.86392
Mrc1	Q61830	1.37078
Aebp1	Q640N1;Q640N1-2	1.73289
Sord	Q64442	1.75467
Tpm4	Q6IRU2	1.33851
Rrp12	Q6P5B0	1.33256
Kif15	Q6P9L6	1.36106
Fkbp15	Q6P9Q6;Q6P9Q6-2;Q80YW9	1.33296
Nostrin	Q6WKZ7	2.0936
Kctd12	Q6WVG3	1.52664
Acap2	Q6ZQK5;Q6ZQK5-2	1.44803
Rpl36	Q6ZWZ4	1.43883
Fbxo22	Q78JE5;Q3V492	2.19012
Fam98b	Q80VD1	1.31913
Aldh3b1	Q80VQ0	1.42528
Crybg3	Q80W49;Q80W49-2;Q80W49-3	2.6132
Tbc1d10b	Q8BHL3	1.33971
Srsf7	Q8BL97-4;Q8BL97-2;Q8BL97;Q8BL97-3	1.505
Ckap4	Q8BMK4	1.48036
Hadha	Q8BMS1	1.4617
Metap1	Q8BP48	1.78691
Heatr3	Q8BQM4;E9PWH6	1.31314
Cpsf7	Q8BTV2-2;Q8BTV2;Q8BTV2-3	2.58635
Pdcl3	Q8BVF2	1.87185
Zhx2	Q8C0C0	1.32492
Sipa1l1	Q8C0T5-2;Q8C0T5	1.34859
Rbm14	Q8C2Q3;E9QL13;Q8C2Q3-2	2.37903
Nemf	Q8CCP0;Q8CCP0-3;Q8CCP0-2;Q8CCP0-4	1.63093
Uaca	Q8CGB3;Q8CGB3-3;Q8CGB3-2	1.4111
Sltm	Q8CH25-2;Q8CH25	1.63984
Gmds	Q8K0C9	1.4818
Alkbh3	Q8K1E6;A2AKV6;A2AKV7	1.64407

Spats2	Q8K1N4;Q8K1N4-2	1.58534
ptplad1	Q8K2C9	1.62078
Ndufs8	Q8K3J1	1.57
Trem1	Q8K558;Q8K558-2	1.47488
Rab11fip5	Q8R361	2.09643
Nup35	Q8R4R6;A2ATJ2	1.35718
Luzp1	Q8R4U7	2.18108
Gstm4	Q8R5I6;A2AE91	1.66118
Hpgd	Q8VCC1	1.3219
Sirt2	Q8VDQ8-2;Q8VDQ8;Q8VDQ8-4;Q8VDQ8-3	2.3846
Lmcd1	Q8VEE1	1.3299
Wdr13	S4R225;Q91V09	1.66899
Memo1	Q91VH6	1.89924
Rnh1	Q91VI7	1.43073
Setd3	Q91WC0;F2Z420;F2Z438;Q91WC0-2	1.31814
Dnajc9	Q91WN1	1.32588
Golm1	Q91XA2	1.35313
N/A	Q91Z58	1.38409
Srgap2	Q91Z67;A0A087WNNM1;A0A087WSQ1	1.96632
Pcca	Q91ZA3	1.52351
Als2	Q920R0	1.57499
Plrg1	Q922V4;D3Z4V1;F8WI31	1.46748
Hadhb	Q99JY0	1.30781
Vwa5a	Q99KC8	1.35828
Prpf19	Q99KP6;Q99KP6-2;Q99KP6-3	1.51862
Mtfr1	Q99MB2;D3YZ89	2.19893
Vimp	Q9BCZ4	1.39722
Mgst3	Q9CPU4	1.7665
Ndufa2	Q9CQ75	1.82202
Rpl21	Q9CQM8;O09167	1.35673
Txndc12	Q9CQU0	1.65926
Rer1	Q9CQU3	1.34536
Ndufb3	Q9CQZ6	1.3097
Ndufab1	Q9CR21;F6ZFT1;F8WJ64	1.48671
Gdpd1	Q9CRY7	1.91877
Pcbd2	Q9CZL5	2.51889
Tsfm	Q9CZR8	1.58803
Tmed10	Q9D1D4	1.49567
Tbcb	Q9D1E6	1.9512
Mrpl19	Q9D338	1.34735
Rpl22l1	Q9D7S7-2;Q9D7S7	1.67329
Ccdc91	Q9D8L5	2.30968
Slirp	Q9D8T7;Q9D8T7-2;F8WHU8	2.88711

Selo	Q9DBC0;S4R1U9	1.81485
Ftsj3	Q9DBE9	2.15269
Twsg1	Q9EP52	1.84058
Nek7	Q9ES74	1.47976
Dkc1	Q9ESX5;B7ZCL7	1.44913
Ccdc22	Q9JIG7	1.65908
Sh3bgrl	Q9JJU8	2.68702
Pin1	Q9QUR7	1.9669
Naga	Q9QWR8	2.24772
Pkp3	Q9QY23;Q9QY23-2	1.72004
6-Sep	Q9R1T4-2;Q9R1T4-3;Q9R1T4	1.54808
Skp1	Q9WTX5	1.48793
Pdcd6ip	Q9WU78;Q9WU78-3	1.37526
Fam50a	Q9WV03	1.39758
Snx1	Q9WV80	1.63159
Timm8a1	Q9WVA2	1.61501
Nfkb1a	Q9Z1E3	1.35614
Abhd16a	Q9Z1Q2	2.29504