

Since this is a very extensive table, the format and content has not been edited by ActaDV.

Supplementary Table S4. List of differentially expressed genes in psoriasis keratinocytes (PP vs . H) in proximity to psoriasis-associated SNPs (overlapping with a region +/- 250 kbp from the SNP).

Gene Name	SNP(s)
GJB2	rs3751385
RAD50	rs1295685, rs20541
IFI16	rs2276405
IFIH1	rs17716942, rs17715343, rs13431841
GJB6	rs3751385
DDX58	rs11795343
SCD	rs61871342
FUT2	rs492602
PUS10	rs4672409, rs702873, rs62149416
DNMT1	rs280519, rs12720356, rs34536443
STAT2	rs2066808, rs201230143, rs2066819
GPX3	rs17728338, rs999556, rs146571698, rs3762999, rs2233278, rs10036748
REV3L	rs240993, rs458017
GART	rs9808753, rs3174808
IVL	rs41268474, rs76337351
IL12RB2	rs2201841, rs113935720, rs9988642
ID1	rs6088273
TIMELESS	rs2066808, rs201230143, rs2066819
PTTG1	rs2431697
CCDC58	rs1042636
DHFR	rs249038
RNF213	rs11652075
TUBG1	rs963986
RDX	rs4561177, rs7126662
SYNE2	rs2781377
C18orf54	rs545979
NFKB1	rs1020760
NCAPD2	rs2243750, rs758739
CSTA	rs1042636
ZFYVE16	rs249038
PPIF	rs1250546, rs1250544
E2F3-IT1	rs4712528
PTPN2	rs559406
DENND1B	rs2477077
SUCO	rs12118303
PSMA6	rs12884468, rs12586317, rs8016947
DONSON	rs9808753, rs3174808
GRHL3	rs4090311, rs7552167, rs4649203
CLIP1	rs11059675
IPO7	rs10743108
STAT3	rs963986, rs3869549
ALDH2	rs11065979
UBLCP1	rs12188300, rs918520, rs6887695, rs1473247, rs10076782, rs953861, rs7709212, rs2546890, rs3213094, rs2288831, rs3212227, rs2082412
CHCHD1	rs2675669, rs2675662
NOP2	rs2243750, rs758739
CDC37	rs34536443, rs12720356, rs280519
RP11-464F9.9	rs2675669, rs2675662
GM2A	rs10036748, rs2233278, rs3762999, rs146571698, rs999556, rs17728338
PRKCI	rs6444895
PA2G4	rs201230143, rs2066808
FAM162A	rs1042636
PPP2R3C	rs12586317
CHUK	rs61871342
SERBP1	rs2201841, rs113935720, rs9988642
ILF3	rs873016, rs892085
EIF4A3	rs11652075
CTF1	rs12445568, rs10782001, rs34033855, rs12924903
SCARNA11	rs2243750, rs758739
COX4I2	rs6088273
EFEMP2	rs610037, rs118086960
GSDMA	rs12936231, rs10852936
THRA	rs12936231, rs10852936
PPP1R15A	rs492602
PRSS8	rs12924903, rs10782001, rs12445568
ZNF415	rs9304742
DNAJB4	rs34517439
PSORS1C2	rs10484554, rs4406273, rs12191877, rs12189871, rs1265181
NR1D1	rs12936231, rs10852936
IRF4	rs9504361

SCARNA10	rs2243750, rs758739
TNFAIP3	rs610604, rs582757
CST6	rs610037, rs118086960
LCE5A	rs41268474, rs10888503, rs4845454, rs1886734, rs6677595, rs4112788, rs4085613, rs10888501
SERPINB7	rs514315
LCE1E	rs10888501, rs4085613, rs4112788, rs6677595, rs1886734, rs4845454, rs10888503, rs41268474, rs76337351
LCE1A	rs4112788, rs6677595, rs1886734, rs4845454, rs10888503, rs41268474, rs76337351
CRCT1	rs76337351, rs41268474, rs10888503, rs4845454, rs1886734, rs6677595, rs4112788, rs4085613, rs10888501
LCE2D	rs10888501, rs76337351, rs4085613, rs4112788, rs41268474, rs6677595, rs1886734, rs4845454, rs10888503
LCE1B	rs10888501, rs4085613, rs4112788, rs6677595, rs1886734, rs4845454, rs10888503, rs41268474, rs76337351
SPRR4	rs76337351
LCE1C	rs10888501, rs4085613, rs4112788, rs6677595, rs1886734, rs4845454, rs10888503, rs41268474, rs76337351
LCE6A	rs6677595, rs1886734, rs4845454, rs10888503, rs41268474, rs76337351
LCE1F	rs10888501, rs4085613, rs4112788, rs6677595, rs1886734, rs4845454, rs10888503, rs41268474, rs76337351
LCE1D	rs10888501, rs4085613, rs4112788, rs6677595, rs1886734, rs4845454, rs10888503, rs41268474, rs76337351
LCE2A	rs10888501, rs4085613, rs4112788, rs6677595, rs1886734, rs4845454, rs10888503, rs76337351, rs41268474
KPRP	rs10888501, rs4085613, rs4112788, rs6677595, rs1886734, rs4845454, rs10888503, rs41268474, rs76337351
LCE2B	rs10888501, rs4085613, rs4112788, rs76337351, rs6677595, rs1886734, rs4845454, rs10888503, rs41268474
LCE2C	rs10888501, rs4085613, rs4112788, rs76337351, rs6677595, rs1886734, rs4845454, rs10888503, rs41268474
FLG2	rs4112788, rs4085613, rs10888501
C1orf68	rs10888501, rs4085613, rs4112788, rs6677595, rs1886734, rs4845454, rs10888503, rs76337351, rs41268474
PARP9	rs1042636
ATP10B	rs2431697
DPP4	rs17715343, rs13431841
REV3L	rs9481169, rs13210247, rs33980500
IL12RB2	rs72933970
SLC16A10	rs458017, rs240993
TUBG2	rs963986
MSH3	rs249038
PA2G4	rs2066819
PPP2R3C	rs8016947
FYN	rs33980500, rs13210247, rs9481169
USP54	rs2675662
EGR2	rs2944542
C14orf64	rs142903734
LCE5A	rs76337351
FLG	rs10888501
LCE1A	rs4085613

Supplementary Table S4. List of differentially expressed genes in psoriasis keratinocytes (PP vs . PN) in proximity to psoriasis-associated SNPs (overlapping with a region +/- 250 kbp from the SNP).

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FUT2	rs492602
DDX58	rs11795343
IVL	rs41268474, rs76337351
SPRR1A	rs76337351
RAD50	rs1295685, rs20541
STAT2	rs2066808, rs201230143, rs2066819
DNMT1	rs280519, rs12720356, rs34536443
PPIF	rs1250546, rs1250544
CSTA	rs1042636
TIMELESS	rs2066808, rs201230143, rs2066819
TUBG1	rs963986
PTTG1	rs2431697
PSMA6	rs12884468, rs12586317, rs8016947
GART	rs9808753, rs3174808
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PUS10	rs4672409, rs702873, rs62149416
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CHCHD1	rs2675669, rs2675662
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CCDC58	rs1042636
GRHL3	rs4090311, rs7552167, rs4649203
RNF213	rs11652075
NFKB1	rs1020760
E2F3-IT1	rs4712528
RNU7-40P	rs2066808, rs201230143, rs2066819

FAM162A	rs1042636
STIP1	rs645078, rs694739, rs887314
NOP2	rs2243750, rs758739
NCAPD2	rs2243750, rs758739
PA2G4	rs201230143, rs2066808
GM2A	rs10036748, rs2233278, rs3762999, rs146571698, rs999556, rs17728338
SUCO	rs12118303
C18orf54	rs545979
NDUFB6	rs11795343
PTPN2	rs559406
REV3L	rs240993, rs458017
DNAJB4	rs34517439
GIPC2	rs34517439
CST6	rs610037, rs118086960
SCARNA11	rs2243750, rs758739
SCARNA10	rs2243750, rs758739
WEE1	rs10743108
NR1D1	rs12936231, rs10852936
LCE5A	rs41268474, rs10888503, rs4845454, rs1886734, rs6677595, rs4112788, rs4085613, rs10888501
SERPINB7	rs514315
LCE1E	rs10888501, rs4085613, rs4112788, rs6677595, rs1886734, rs4845454, rs10888503, rs41268474, rs76337351
SPRR4	rs76337351
LCE1A	rs4112788, rs6677595, rs1886734, rs4845454, rs10888503, rs41268474, rs76337351
CRCT1	rs76337351, rs41268474, rs10888503, rs4845454, rs1886734, rs6677595, rs4112788, rs4085613, rs10888501
LCE1B	rs10888501, rs4085613, rs4112788, rs6677595, rs1886734, rs4845454, rs10888503, rs41268474, rs76337351
LCE2D	rs10888501, rs76337351, rs4085613, rs4112788, rs41268474, rs6677595, rs1886734, rs4845454, rs10888503
LCE1C	rs10888501, rs4085613, rs4112788, rs6677595, rs1886734, rs4845454, rs10888503, rs41268474, rs76337351
LCE1D	rs10888501, rs4085613, rs4112788, rs6677595, rs1886734, rs4845454, rs10888503, rs41268474, rs76337351
LCE6A	rs6677595, rs1886734, rs4845454, rs10888503, rs41268474, rs76337351
LCE1F	rs10888501, rs4085613, rs4112788, rs6677595, rs1886734, rs4845454, rs10888503, rs41268474, rs76337351
LCE2A	rs10888501, rs4085613, rs4112788, rs6677595, rs1886734, rs4845454, rs10888503, rs76337351, rs41268474
KPRP	rs10888501, rs4085613, rs4112788, rs6677595, rs1886734, rs4845454, rs10888503, rs41268474, rs76337351
LCE2B	rs10888501, rs4085613, rs4112788, rs76337351, rs6677595, rs1886734, rs4845454, rs10888503, rs41268474
LCE2C	rs10888501, rs4085613, rs4112788, rs76337351, rs6677595, rs1886734, rs4845454, rs10888503, rs41268474
C1orf68	rs10888501, rs4085613, rs4112788, rs6677595, rs1886734, rs4845454, rs10888503, rs76337351, rs41268474
FLG2	rs4112788, rs4085613, rs10888501
PARP9	rs1042636
ATP10B	rs2431697
TUBG2	rs963986
IL12RB2	rs72933970
PA2G4	rs2066819
CRYL1	rs3751385
REV3L	rs9481169, rs13210247, rs33980500
LCE5A	rs76337351
C14orf64	rs142903734
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FLG	rs10888501

Supplementary Table S4. List of differentially expressed genes in psoriasis keratinocytes (PN vs . H) in proximity to psoriasis-associated SNPs (overlapping with a region +/- 250 kbp from the SNP).

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