TblS1\_070817

**Table S1. Single nucleotide polymorphisms (SNPs)a in the genetic risk score (GRS)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Region** | **SNP** | **Nearest Gene(s)** | **Reference(s)** |
| 2p22.3 | rs192481803 | *AC012593.1* | Chahal et al 2016 |
| 3p13 | rs62246017 | *FOXP1* | Asgari et al 2016 |
| 3q28 | rs6791479 | *TPRG1/TP63b* | Asgari et al 2016 |
| 5p13.2 | rs16891982 | *SLC45A2* | Asgari et al 2016 |
| 6p25.3 | rs12203592 | *IRF4* | Asgari et al 2016; Chahal et al 2016 |
| 6p21 | rs4455710 | *HLA-DQA1* | Asgari et al 2016 |
| 7p21.1 | rs117132860 | *AGR3/AHRb* | Chahal et al 2016 |
| 9p22.2 | rs74664507 | *BNC2/CNTLNb* | Asgari et al 2016 |
| 9q34.3 | rs57994353 | *SEC16A* | Chahal et al 2016 |
| 11q23.3 | rs74899442 | *CADM1/BUD13b* | Chahal et al 2016 |
| 11q14.3 | rs1126809 | *TYR* | Asgari et al 2016; Chahal et al 2016 |
| 15q13.1 | rs12916300 | *HERC2* | Asgari et al 2016 |
| 15q13.1 | rs1800407 | *OCA2* | Chahal et al 2016 |
| 16q24.3 | rs4268748 | *DEF8* | Asgari et al 2016 |
| 16q24.3 | rs1805007 | *MC1R* | Chahal et al 2016 |
| 20q11.22 | rs6059655 | *RALY* | Asgari et al 2016; Chahal et al 2016 |

1. from genome-wide association studies of cSCC risk
2. two flanking genes of an inter-genic SNP