**S6 Table.** Philtrum width associated SNPs in GTex

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| --- | --- | --- | --- |
| **SNP (Effect allele)** | **Gene**  | **Effect size of association with gene expression (P-value)** | **Tissue** |
| rs255877 (G) | *YTHDC2* | -0.32 (3.4x10-9)-0.11 (2.1x10-6)-0.14 (2.4x10-5) | Brain – CerebellumThyroidLung |
| *CTD-2201G3.1* | 0.23 (3.6x10-5) | Skin – sun exposed (lower leg) |
| rs2522825 (T) | *SKAP2* | 0.20 (3.2x10-14) | Whole blood |
| *HOXA4* | 0.43 (2.2x10-9) | Whole blood |
| *HOXA-AS2* | 0.41 (7.0x10-9) | Whole blood |
| *HOTAIRM1* | 0.35 (3.1x10-8) | Whole blood |
| *HOXA2* | 0.37 (4.4x10-8) | Whole blood |
| *HOXA5* | 0.31 (4.0x10-6) | Skin – not sun exposed (suprapubic) |
| *HOXA1* | 0.33 (1.2x10-5)0.24 (2.1x10-5) | Whole bloodSkin – sun exposed (lower leg) |
| *HOXA6* | 0.24 (4.3x10-5) | Skin – not sun exposed (suprapubic) |