

Table S3. Differential expression of genes of the Claudin family. ns: non significant

| hgnc_symbol | Log ₂ FC | p-adj | Description | Result | |
|-------------|---------------------|------------------------|------------------------------------------------|-------------|------------------|
| CLDN1 | -0.0741 | 7.56×10 ⁻⁰¹ | claudin 1 [Source:HGNC Symbol;Acc:HGNC:2032] | ns | |
| CLDN3 | -1.2718 | 3.54×10 ⁻⁰⁵ | claudin 3 [Source:HGNC Symbol;Acc:HGNC:2045] | significant | increased in SC |
| CLDN4 | -0.0794 | 6.76×10 ⁻⁰¹ | claudin 4 [Source:HGNC Symbol;Acc:HGNC:2046] | ns | |
| CLDN5 | 3.2850 | 3.48×10 ⁻⁰² | claudin 5 [Source:HGNC Symbol;Acc:HGNC:2047] | significant | increased in UNC |
| CLDN7 | 1.4004 | 3.11×10 ⁻³⁰ | claudin 7 [Source:HGNC Symbol;Acc:HGNC:2049] | significant | increased in UNC |
| CLDN8 | 1.1198 | 1.06×10 ⁻⁰⁹ | claudin 8 [Source:HGNC Symbol;Acc:HGNC:2050] | significant | increased in UNC |
| CLDN9 | -0.7062 | 8.82×10 ⁻⁰² | claudin 9 [Source:HGNC Symbol;Acc:HGNC:2051] | ns | |
| CLDN10 | -2.4751 | 1.78×10 ⁻²¹ | claudin 10 [Source:HGNC Symbol;Acc:HGNC:2033] | significant | increased in SC |
| CLDN11 | 1.5002 | 2.95×10 ⁻⁰¹ | claudin 11 [Source:HGNC Symbol;Acc:HGNC:8514] | ns | |
| CLDN12 | -0.0842 | 7.21×10 ⁻⁰¹ | claudin 12 [Source:HGNC Symbol;Acc:HGNC:2034] | ns | |
| CLDN15 | -0.0431 | 9.47×10 ⁻⁰¹ | claudin 15 [Source:HGNC Symbol;Acc:HGNC:2036] | ns | |
| CLDN16 | -1.1784 | 2.02×10 ⁻⁰⁷ | claudin 16 [Source:HGNC Symbol;Acc:HGNC:2037] | significant | increased in SC |
| CLDN17 | 3.3118 | 1.30×10 ⁻⁰¹ | claudin 17 [Source:HGNC Symbol;Acc:HGNC:2038] | ns | |
| CLDN18 | 0.2530 | 8.75×10 ⁻⁰¹ | claudin 18 [Source:HGNC Symbol;Acc:HGNC:2039] | ns | |
| CLDN19 | -2.4860 | 2.31×10 ⁻⁰² | claudin 19 [Source:HGNC Symbol;Acc:HGNC:2040] | significant | increased in SC |
| CLDN22 | 0.0271 | 9.62×10 ⁻⁰¹ | claudin 22 [Source:HGNC Symbol;Acc:HGNC:2044] | ns | |
| CLDN23 | 0.0703 | 8.96×10 ⁻⁰¹ | claudin 23 [Source:HGNC Symbol;Acc:HGNC:17591] | ns | |
| CLDN24 | -2.7158 | 2.00×10 ⁻⁰¹ | claudin 24 [Source:HGNC Symbol;Acc:HGNC:37200] | ns | |