**S3 Table.** Raw data of the expression of ACE-2, TMPRSS2, Cathepsins B and L genes in the epithelium of *ex vivo* infected central cornea and corneoscleral rim at H0 (2-ΔCt values) (Fig 3).

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ACE2 | Central cornea | 0,00692479 | 0,00663927 | 0,01014379 | 0,000078006 | 0,01248799 |
| corneoscleral rim | 0,02428979 | 0,00988349 | 0,03702372 | 0,05264699 | 0,04083434 |
| TMPRSS2 | Central cornea | 0,00033066 | 0,00040573 | 0,00196661 | 0,000062439 | 0,0006259 |
| corneoscleral rim | 0,00453555 | 0,0014465 | 0,02782881 | 0,04808668 | 0,00996681 |
| CTSL | Central cornea | 0,00913992 | 0,01448281 | 0,08327332 | 0,00245975 | 0,03659805 |
| corneoscleral rim | 0,01868593 | 0,02161608 | 0,07331232 | 0,1129007 | 0,100870 |
| CTSB | Central cornea | 0,02213307 | 0,02015873 | 0,1001144 | 0,00133911 | 0,0388314 |
| corneoscleral rim | 0,108010 | 0,06753136 | 0,2552994 | 0,3297895 | 0,09669681 |