

The qPCR raw data of CYP3A1

| | CT (CYP3A1) | CT (β -actin) | Δ CT | $\Delta\Delta$ CT | $-\Delta\Delta$ CT | $2^{-\Delta\Delta$ CT} | mean | SD |
|--|----------------|-------------------------|-------------|-------------------|--------------------|------------------------|-------|-------|
| normoxia group | 17.085 | 16.966 | 0.12 | 0.42 | -0.42 | 0.75 | 1.013 | 0.182 |
| | 17.345 | 17.619 | -0.27 | 0.03 | -0.03 | 0.98 | | |
| | 17.168 | 17.170 | 0.00 | 0.30 | -0.30 | 0.81 | | |
| | 16.101 | 16.434 | -0.33 | -0.03 | 0.03 | 1.02 | | |
| | 16.570 | 16.624 | -0.05 | 0.25 | -0.25 | 0.84 | | |
| | 17.239 | 17.661 | -0.42 | -0.12 | 0.12 | 1.09 | | |
| | 15.420 | 15.829 | -0.41 | -0.11 | 0.11 | 1.08 | | |
| | 15.896 | 16.664 | -0.77 | -0.47 | 0.47 | 1.38 | | |
| | 16.458 | 16.911 | -0.45 | -0.15 | 0.15 | 1.11 | | |
| | 16.613 | 16.995 | -0.38 | -0.08 | 0.08 | 1.06 | | |
| acute hypoxia group | 19.163 | 17.409 | 1.75 | 2.05 | -2.05 | 0.24 | 0.484 | 0.217 |
| | 16.959 | 17.004 | -0.05 | 0.25 | -0.25 | 0.84 | | |
| | 17.695 | 16.871 | 0.82 | 1.12 | -1.12 | 0.46 | | |
| | 17.530 | 17.312 | 0.22 | 0.52 | -0.52 | 0.70 | | |
| | 17.385 | 16.054 | 1.33 | 1.63 | -1.63 | 0.32 | | |
| | 17.686 | 16.641 | 1.05 | 1.35 | -1.35 | 0.39 | | |
| | 17.657 | 16.646 | 1.01 | 1.31 | -1.31 | 0.40 | | |
| | 16.851 | 16.739 | 0.11 | 0.41 | -0.41 | 0.75 | | |
| | 17.562 | 16.941 | 0.62 | 0.92 | -0.92 | 0.53 | | |
| | 18.955 | 16.963 | 1.99 | 2.29 | -2.29 | 0.20 | | |
| chronic hypoxia group | 19.386 | 17.834 | 1.55 | 1.85 | -1.85 | 0.28 | 0.357 | 0.094 |
| | 18.503 | 17.000 | 1.50 | 1.80 | -1.80 | 0.29 | | |
| | 18.734 | 17.065 | 1.67 | 1.97 | -1.97 | 0.26 | | |
| | 17.892 | 17.135 | 0.76 | 1.06 | -1.06 | 0.48 | | |
| | 17.961 | 17.036 | 0.92 | 1.22 | -1.22 | 0.43 | | |
| | 17.919 | 16.873 | 1.05 | 1.35 | -1.35 | 0.39 | | |
| | 18.273 | 17.370 | 0.90 | 1.20 | -1.20 | 0.43 | | |
| | 19.437 | 18.127 | 1.31 | 1.61 | -1.61 | 0.33 | | |
| | 19.413 | 17.552 | 1.86 | 2.16 | -2.16 | 0.22 | | |
| | 17.833 | 17.028 | 0.80 | 1.10 | -1.10 | 0.47 | | |
| chronic hypoxia return to normoxia group | 18.608 | 17.353 | 1.26 | 1.56 | -1.56 | 0.34 | 0.430 | 0.132 |
| | 18.116 | 17.540 | 0.58 | 0.88 | -0.88 | 0.54 | | |
| | 18.372 | 18.074 | 0.30 | 0.60 | -0.60 | 0.66 | | |
| | 17.946 | 16.875 | 1.07 | 1.37 | -1.37 | 0.39 | | |
| | 18.379 | 17.196 | 1.18 | 1.48 | -1.48 | 0.36 | | |
| | 17.900 | 16.880 | 1.02 | 1.32 | -1.32 | 0.40 | | |
| | 18.281 | 16.928 | 1.35 | 1.65 | -1.65 | 0.32 | | |
| | 18.127 | 16.720 | 1.41 | 1.71 | -1.71 | 0.31 | | |
| | 18.360 | 17.153 | 1.21 | 1.51 | -1.51 | 0.35 | | |
| | 17.248 | 16.881 | 0.37 | 0.67 | -0.67 | 0.63 | | |