

Extended Data Fig.5

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|----------|---------|---------|---------|---------|------------|---------|
| DNA-PKcs | | shTRC | | | shDNA-PKcs | |
| Veh | 26.242 | 25.8439 | 25.8362 | 30.6601 | 30.011 | 30.2162 |
| E2 | 24.7328 | 24.7099 | 24.685 | 28.2436 | 28.3287 | 27.9441 |
| | | | | | | |
| Ku70 | | shTRC | | | shKu70 | |
| Veh | 25.4949 | 24.8576 | 25.1883 | 28.2596 | 28.0842 | 28.1383 |
| E2 | 24.2142 | 23.9994 | 23.9469 | 27.7649 | 27.8376 | 27.2528 |
| | | | | | | |
| XRCC4 | | shTRC | | | shXRCC4 | |
| Veh | 26.5881 | 26.1151 | 26.2192 | 30.2567 | 30.0858 | 30.3248 |
| E2 | 26.1592 | 25.8528 | 26.1737 | 30.6288 | 30.374 | 30.5167 |
| | | | | | | |
| GAPDH | | shTRC | | | shDNA-PKcs | |
| Veh | 19.7345 | 19.0887 | 19.5347 | 20.5213 | 20.1374 | 19.8392 |
| E2 | 18.4944 | 18.3485 | 18.5649 | 18.5528 | 18.4209 | 18.4963 |
| | | | | | | |
| GAPDH | | shTRC | | | shKu70 | |
| Veh | 19.7345 | 19.0887 | 19.5347 | 19.213 | 19.0036 | 19.4223 |
| E2 | 18.4944 | 18.3485 | 18.5649 | 18.7529 | 18.9159 | 18.8111 |
| | | | | | | |
| GAPDH | | shTRC | | | shXRCC4 | |
| Veh | 19.7345 | 19.0887 | 19.5347 | 19.6739 | 19.0731 | 20.0043 |
| E2 | 18.4944 | 18.3485 | 18.5649 | 19.7873 | 19.6998 | 19.9339 |