**Supplemental Digital Content 5. Quantification of three types of HPV from PCR (number of copies of HPV per ng of DNA) vs. RNAseq (raw counts and percentage of total).**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | *PCR* | | | *RNAseq* | | |
| *ID* | *Cancer type* | *HPV16* | *HPV18* | *HPV33* | *HPV16* | *HPV18* | *HPV33* |
| *006* | *H&N* | - | - | - | - | - | - |
| *015* | *H&N* | - | - | - | - | - | - |
| *047* | *H&N* | - | - | - | - | - | - |
| *050* | *H&N* | 379 | - | - | 14482(0.01%) | - | - |
| *062* | *H&N* | 842 | - | - | 30421(0.02%) | - | - |
| *066* | *H&N* | - | - | - | - | - | - |
| *072* | *H&N* | - | - | - | - | - | - |
| *082* | *H&N* | - | - | - | - | - | - |
| *086* | *H&N* | - | - | - | - | - | - |