**TABLE S1.** Summary of cross-platform studies comparing more than three different platforms

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **First author** |   | **Sato, F.** | **Pradervand, S.** | **Yauk, C.L.** | **Sah, S** | **Git, A.** | **Dreher, A.** |
| **Journal (year)** |   | PLoS ONE (2009) | BioTechniques (2010) | BMC Genomics (2010) | BMC Research Notes (2010) | RNA (2010) | Biochem Biophys Res Commun (2010) |
| **Platform** | **Agilent** | X | X | X | X | X |   |
|   | **Affymeterix** |   | X |   |   |   | X |
|   | **Ambion** | X |   |   | X | X |   |
|   | **Combimatrix** |   |   |   |   | X |   |
|   | **Exiqon** | X |   | X | X | X | X |
|   | **Illumina** |   | X |   | X | X |   |
|   | **Invitrogen** | X |   | X |   | X | X |
|   | **LCScience** |   |   | X |   |   |   |
|   | **Toray** | X |   |   |   |   |   |
| **Samples** |   | Liver/Prostate tissues | Heart/Brain normal tissues | Pool1(testicle, ovary, embrio)/ Pool2 (liver, heart, lung) | Spiked-in placental tissue | Pool normal breast tissues/ MCF7/ PMC42 | HPV-/HPV+ HaCat |
| **Normalization** |   | No Normalized | Quantile | Cyclic lowess | Quantile | dual channel: lowess single channel: quantile | lowess |
| **Origin** |   | Human | Human | Mouse | Human | Human | Human |
| **Replicates** |   | 3 | 4 | 2 | 7 | 4 | 3 |
| **Public access** |   | GEO: GSE13860 | NA | GEO: GSE19669 | GEO: GSE19248 | ArrayExpress: E-MTAB-96 | NA |