

**Appendix B: Values permitted for data.type and type in getTCGA function.**

| Omics-Profile       | data.type   | type                  | Description   |
|---------------------|-------------|-----------------------|---|
| Gene Expression     | mRNA_Array  | <b><u>G450</u></b>    | Microarray, Agilent 244K Custom Gene Expression G4502A-07                           |
|                     | mRNA_Array  | U133                  | Microarray, Affymetrix Human Genome U133A 2.0 Array                                 |
|                     | mRNA_Array  | Huex                  | Microarray, Affymetrix Human Exon 1.0 ST Array                                      |
|                     | RNASeq      | <b><u>count</u></b>   | RNA-Seq, raw counts   |
|                     | RNASeq      | RPKM                  | RNA-Seq, normalized counts  |
|                     | RNASeq2     |                       | RNA-Seq second analysis pipeline, RSEM  |
| miRNA expression    | miRNA_Array |                       | miRNA array, Agilent 8 x 15K Human miRNA-specific microarray (H-miRNA_8x15K)        |
|                     | miRNA_Array |                       | miRNA array, Agilent Human miRNA Microarray Rel12.0 (H-miRNA_8x15Kv2- for OV only). |
|                     | miRNASeq    | <b><u>count</u></b>   | miRNA-Seq, raw counts   |
|                     | miRNASeq    | rpmmm                 | miRNA-Seq, reads per million miRNA mapped   |
| Mutation            | Mutation    | <b><u>somatic</u></b> | Somatic non-silent mutations  |
|                     | Mutation    | all                   | All mutations called  |
| Methylation         | Methylation | <b><u>27K</u></b>     | Illumina Infinium HumanMethylation27 BeadChip                                       |
|                     |             | 450K                  | Illumina Infinium HumanMethylation450 BeadChip                                      |
| Copy number changes | CNA_SNP     |                       | CNA, Affymetrix Genome-Wide Human SNP Array 6.0                                     |
|                     | CNV_SNP     |                       | CNV, Affymetrix Genome-Wide Human SNP Array 6.0                                     |
|                     | CNA_CGH     | <b><u>415K</u></b>    | CNA, Agilent Human Genome CGH Custom Microarray 2x415K                              |
|                     | CNA_CGH     | 244A                  | CNA, Agilent Human Genome CGH Microarray 244A                                       |

Remark: **type** that's bold and underlined is the default type for the particular data.type