

Table 1: Distributions of genes with 1, 2, 3...8 probes per gene by brain area.

| | Number of Probes per Gene | | | | | | | | Sum(probes) ¹ |
|-------------------|---------------------------|------|-----|----|----|---|---|---|--------------------------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
| Brain Area | | | | | | | | | |
| Prefrontal | 14235 | 1651 | 695 | 73 | 13 | 1 | 1 | 1 | 20000 |
| Cerebellum | 14276 | 1615 | 701 | 78 | 12 | 2 | 1 | 0 | 20000 |
| Temporal | 14192 | 1643 | 707 | 77 | 13 | 1 | 2 | 1 | 20000 |
| Pons | 14169 | 1626 | 727 | 78 | 13 | 1 | 1 | 1 | 20000 |

¹ The Sum(probes) column is the sum of the number of probes per gene times the number (frequency) of genes;
e.g. $(14235 \times 1 + (1651 \times 2) + \dots + (1 \times 8))$