

Table 13. *M. smithii* GeneChip

| | Naming Prefix | Genes Represented | Probesets | Probe pairs | Average number of probe pairs per probeset |
|--|----------------------|--------------------------|------------------|--------------------|---|
| control sequences | AFFX | 64 | 64 | 1024 | 16 |
| protein coding genes | MSM | 1778 | 2018 | 19967 | 11 |
| tRNA genes (1-2 probesets/gene) | MSM-tRNAxx | 34 | 74 | 450 | 11 |
| rRNA genes¹ | MSMxx-rRNA | 8 | 7 | 77 | 11 |
| intergenic sequences | ig | -- | 1581 | 4931 | 3 |

¹Note that the *M. smithii* genome contains three 5S rRNA genes, one 7S rRNA gene, two 16S rRNA genes, and two 23S rRNA genes. Due to the high nucleotide sequence identity among rRNA genes of a given type, each is represented by a single probeset (the 16S rRNA probeset is replicated four times on the GeneChip)