Supplementary Figure 1. Venn diagram indicating overlap of the top ten, best single-, two- , and three-gene diet classifiers.   a) Classifier overlap at the initiation stage (12 h) for three pair-wise comparisons: Fish versus olive oil, fish versus corn oil, and olive versus corn oil. None of the top ten classifiers (1-, 2-, and 3 genes) were common for all three pair-wise comparisons. **b)** Classifier overlap at the progression stage (10 wk) for the three pair-wise comparisons. In total, 6 classifiers (1- , 2-, and 3) were common for all three pair-wise comparisons.

a) 12 hour AOM

Olive-corn   Fish-corn

17   6   17
   0
  3   3
   21

Fish-olive

b) 10 week AOM animals

Olive-corn   Fish-corn

11   3   10
   6
  2   4
   13

Fish-olive