

**Table S1.** Number of differentially accumulated metabolites (DAMs) in positive ion mode (pos) and negative ion mode (neg) of three comparison groups

Comparison group	All DAMs (pos)	Up DAMs (pos)	Down DAMs (pos)	All DAMs (neg)	Up DAMs (neg)	Down DAMs (neg)
E15_BM vs E21_BM	599	243	356	399	183	216
E15_BM vs E27_BM	584	219	365	349	135	214
E21_BM vs E27_BM	388	156	232	299	134	165