

Supplementary figures

**Genome sequencing and flavor compound biosynthesis pathway
analyses of *Bacillus licheniformis* isolated from Chinese *Maotai*-flavor
liquor brewing microbiome**

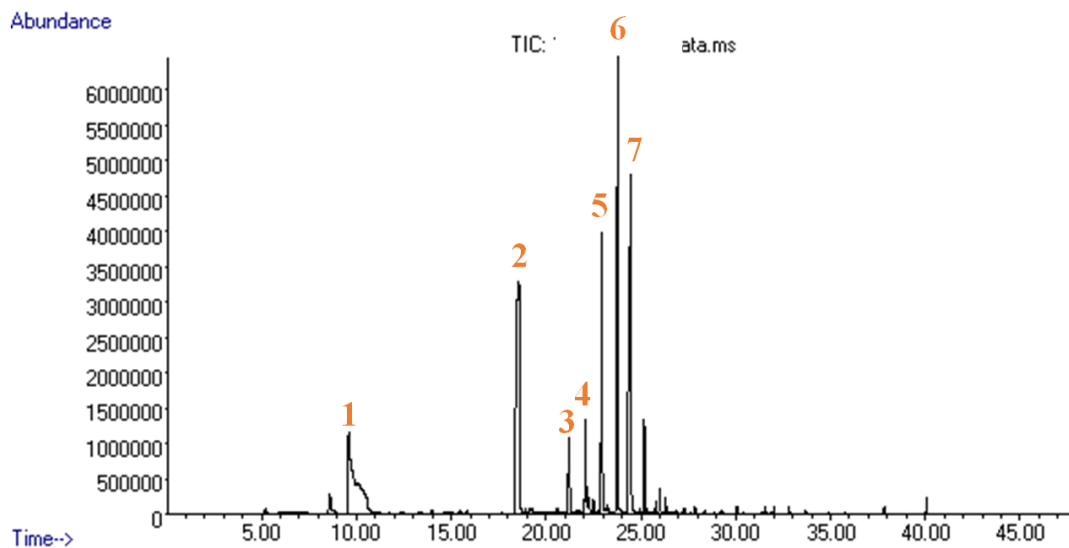


Figure S1 Total ion chromatogram of volatile metabolites of *B. licheniformis* MT-B06 on 5% glucose medium

1: diacetyl; 2: acetoin; 3: trimethylpyrazine; 4: 3-ethyl-2,5-dimethylpyrazine; 5: tetramethylpyrazine; 6: 2, 3, 5-trimethyl-6-ethylpyrazine; 7: 2,3-butanediol

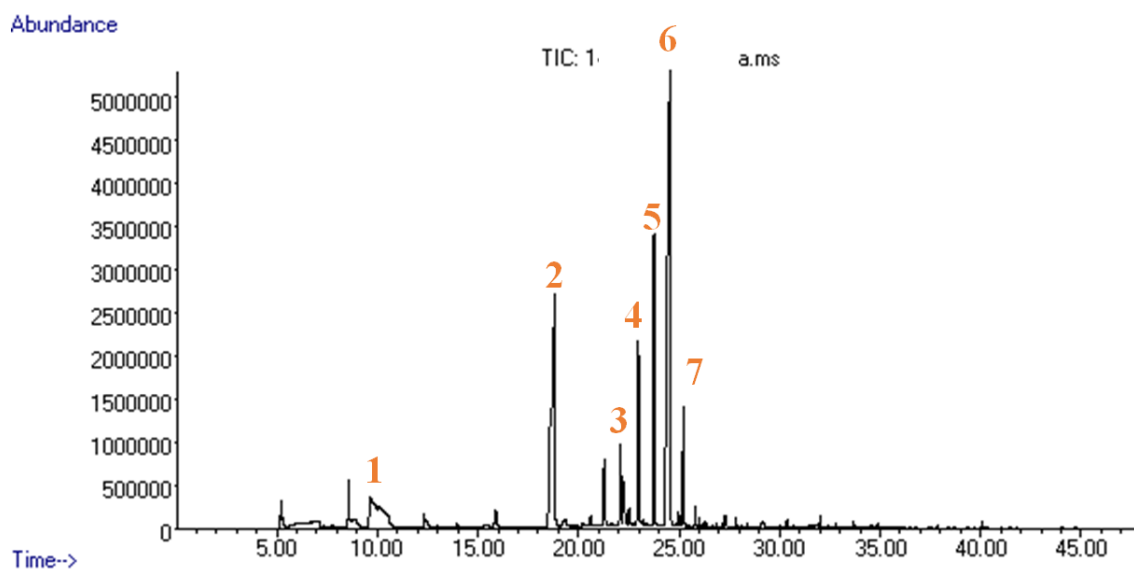


Figure S2 Total ion chromatogram of volatile metabolites of *B. licheniformis* MT-B06 on wheat medium

1: diacetyl; 2: acetoin; 3: trimethylpyrazine; 4: 3-ethyl-2,5-dimethylpyrazine; 5: tetramethylpyrazine; 6: 2, 3, 5-trimethyl-6-ethylpyrazine; 7: 2,3-butanediol

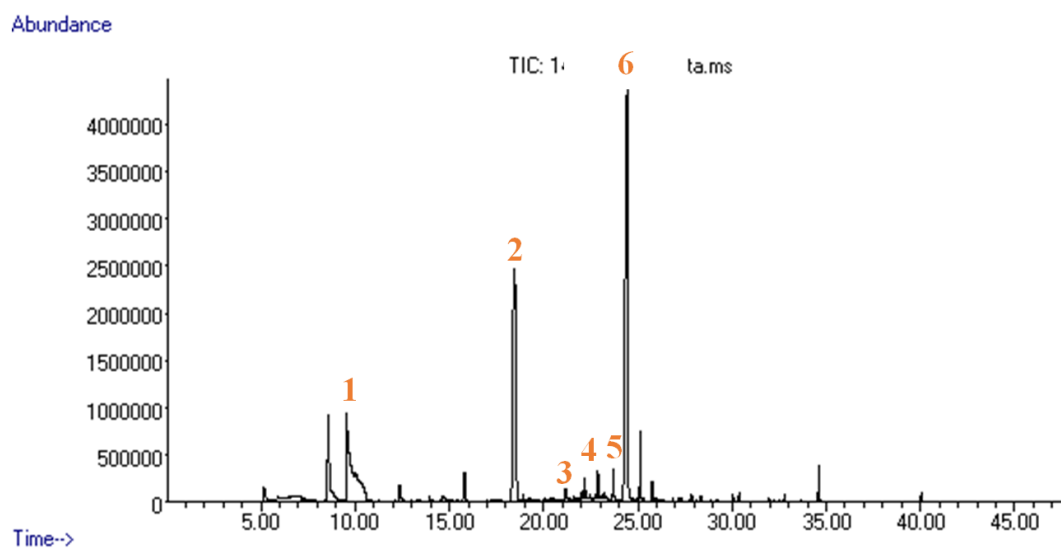


Figure S3 Total ion chromatogram of volatile metabolites of *B. licheniformis* MT-B06 on sorghum medium

1: diacetyl; 2: acetoin; 3: trimethylpyrazine; 4: tetramethylpyrazine;
5: 2,3,5-trimethyl-6-ethylpyrazine; 6: 2,3-butanediol