

Table S1 Antagonism between parents and hybrids

	p	A2 8	A2 26	A9 7	A4 18	A2 17	A4 26	A2 03	A5 4	A8 8	A5 3	A3 37	A2 1	A3 82	A4 13
p		√	√	√	√	√	√	√	√	√	√	√	√	√	√
A2 8			√	√	√	√	√	√	√	√	√	√	×	√	√
A2 26				√	√	√	√	√	√	√	√	√	√	√	√
A9 7					√	√	√	√	√	√	√	√	√	√	√
A4 18						√	√	√	√	√	√	√	√	√	√
A2 17							√	√	√	√	√	√	√	√	√
A4 26								√	√	√	√	√	√	√	√
A2 03									√	√	√	√	√	√	√
A5 4										√	√	√	√	√	√
A8 8											√	√	√	√	√
A5 3												√	√	√	√
A3 37													√	√	√
A2 1														√	√
A3 82															√
A4 13															

Footnote: √: clamp connection, ×: no clamp connection.

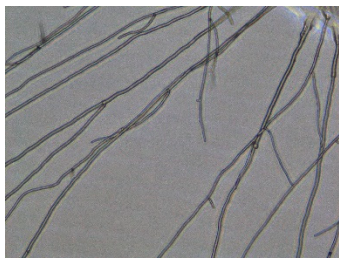


Figure S1 Morphology of monokaryotic strains mycelium

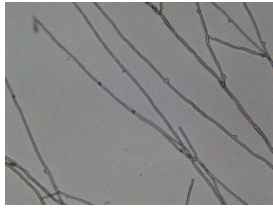


Figure S2 Morphology of hybrid mycelium

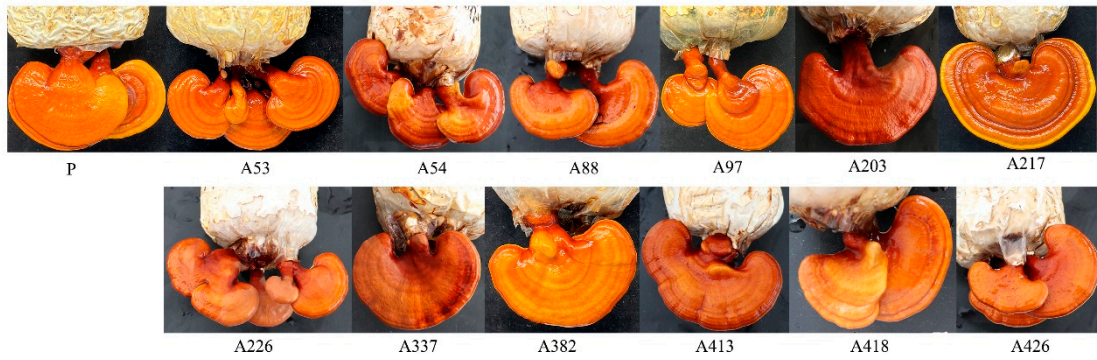


Figure S3 Fruiting body morphology of hybrids