

**Supplementary Table.2** The fungal species of *Malassezia* at the species level.

<i>Malassezia</i>	AUC, 95%CI	Cutoff value	OR, 95%CI	P-value
<i>Malassezia_globosa</i>	0.614 (0.465, 0.762)	140	3.63 (1.17-11.96)	0.028
<i>Malassezia_restricta</i>	0.624 (0.469, 0.778)	1238	6.80 (1.75-34.06)	0.009
<i>Malassezia_furfur</i>	0.528 (0.466, 0.591)	3	3.27 (0.30-72.89)	0.345
<i>Malassezia_arunaloeki</i>	0.508 (0.459, 0.557)	591	-	-
<i>Malassezia_dermatis</i>	-	-	-	-
<i>Malassezia_japonica</i>	-	-	-	-
<i>Malassezia_sympodialis</i>	-	-	-	-
<i>Malassezia_yamatoensis</i>	-	-	-	-