

Supplementary Table S1. Multiple antibiotic resistance (MAR) index of *Proteus mirabilis* strains isolated from chronic otitis externa in dogs. The isolates were listed in order of phylogenetic tree in Figure 2.

<i>Proteus</i> isolates	MAR index
Pm_SNUABM_05	0.636
Pm_SNUABM_03	0.818
Pm_SNUABM_15	0.909
Pm_SNUABM_07	0.727
Pm_SNUABM_28	0
Pm_SNUABM_09	0.818
Pm_SNUABM_08	0.818
Pm_SNUABM_30	0.272
Pm_SNUABM_23	0.818
Pm_SNUABM_12	0.090
Pm_SNUABM_02	0.818
Pm_SNUABM_06	0.090
Pm_SNUABM_21	0
Pm_SNUABM_27	0.363
Pm_SNUABM_22	0
Pm_SNUABM_25	0
Pm_SNUABM_32	1
Pm_SNUABM_16	0.818
Pm_SNUABM_14	0.272
Pm_SNUABM_20	0
Pm_SNUABM_29	0.727
Pm_SNUABM_01	0.727
Pm_SNUABM_17	0.909
Pm_SNUABM_11	1
Pm_SNUABM_10	0.636
Pm_SNUABM_18	0.818
Pm_SNUABM_19	0.818
Pm_SNUABM_26	0.545
Pm_SNUABM_24	0.909
Pm_SNUABM_31	0
Pm_SNUABM_13	0.454
Pm_SNUABM_04	0.272
Mean value	0.534