

**Table S3.** Indexes of genetic diversity and cluster rarity calculated for two populations from *Microsporium canis*.

Cluster	Number of samples	Number of genotypes	D	DW index	I <sub>A</sub> (p value)	I <sub>A</sub> (p value)
Cluster 1	37	11	0.071	0.24	1.38 (<0.01)	1.38 (<0.01)
Cluster 2	28	7	0.116	0.26	1 (<0.01)	1 (<0.01)

D, Nei's gene diversity; I<sub>A</sub>, index of association