

**Supplementary Material****Table S1. Characterisation of six nuclear microsatellite loci for the leafscale gulper (*Centrophorus squamosus*)**

$T_a$ , annealing temperature; A, total number of alleles scored per locus;  $H_o$ , overall observed heterozygosity;  $H_E$ , overall expected heterozygosity;  $P$ :  $P$ -value from Hardy-Weinberg equilibrium tests

Marker name	Repeat motif	$T_a$	A	$H_o$	$H_E$	$P$	GenBank accession number
<i>CsquMx31</i>	[AC] <sub>31</sub>	57	55	0.90	0.92	0.098	JQ037909
<i>CsquMx59</i>	[TGTA] <sub>5</sub>	54	5	0.48	0.53	0.192	JQ037910
<i>CsquMx104</i>	[AC] <sub>16</sub>	54	18	0.87	0.88	0.173	JQ037911
<i>CsquGT64</i>	[GA] <sub>15</sub>	54	22	0.90	0.92	0.818	JQ037912
<i>SacaGA11</i>	[TG] <sub>9</sub>	62	9	0.66	0.62	0.103	GU553360
<i>Saca7551</i>	[AG] <sub>14</sub>	62	5	0.62	0.61	0.684	EG027551