

## Supplementary Material

### **Paternally inherited genetic markers reveal new insights into genetic structuring within *Macropus fuliginosus* and hybridisation with sympatric *Macropus giganteus***

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**Table S1:** Y chromosome haplotypes at four microsatellite loci in grey kangaroos. Allele sizes are in base pairs.

Haplotype	MeY01	MeY28	MeY37a	MeY37b
<i>Macropus fuliginosus</i>				
A	245	342	172	174
B	245	342	174	174
C	245	342	172	176
D	245	342	170	172
E	245	338	172	174
F	245	342	172	172
G	245	342	170	174
H	245	342	174	176
I	245	344	172	174
J	245	336	172	174
K	340	350	176	182
L	307	342	174	174
<i>Macropus giganteus</i>				
M	245	365	168	170
N	245	365	170	170
O	245	365	170	172
P	242	362	168	168



Peterborough (Pb)	6	1	5							
Para Wirra NP (PW)	15		10	4		1				
Hattah Lakes NP (HL)	2		1			1				
Hillston (H)	29	8	10				4	4	2	1
Bourke (Bk)	5	1	3		1	1				
Kersbrook (Kb)	1			1						
Byrock (By)	1		1							
Girilambone (Gr)	1		1							
Glenariff (Gl)	1		1							
Cunnamulla (a)	1						1			
Charleville (b)	1						1			
Mungallala (c)	1						1			

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