

Table S3. Summary of Genetic Divergences and Differentiations between each two regions

<b>Locus</b>	<b>Pair</b>	<b>S</b>	<b>Sf</b>	<b>Ktotal</b>	<b>Knc</b>	<b>Ks</b>	<b>Ka</b>	<b>Ka/Ks</b>
<i>ALS</i>	<i>pes-caprae vs brasiliensis</i>	17	0	0.02445	0.00000	0.02993	0.00590	0.19713
<i>ANS</i>	<i>pes-caprae vs brasiliensis</i>	26	0	0.01550	0.02061	0.00904	0.00000	0.00000
<i>CHS</i>	<i>pes-caprae vs brasiliensis</i>	30	0	0.01502	0.00000	0.01928	0.00231	0.11981
<i>EST-2</i>	<i>pes-caprae vs brasiliensis</i>	7	0	0.00443	0.00000	0.01147	0.00246	0.21447
<i>HSP-90</i>	<i>pes-caprae vs brasiliensis</i>	5	0	0.00323	0.00000	0.00490	0.00280	0.57143
<i>TPI</i>	<i>pes-caprae vs brasiliensis</i>	4	0	0.00374	0.00000	0.00625	0.00306	0.48960
<i>Waxy</i>	<i>pes-caprae vs brasiliensis</i>	4	0	0.00233	0.00000	0.00000	0.00293	0.00000
<i>Average</i>	<i>pes-caprae vs brasiliensis</i>			0.00981	0.00294	0.01155	0.00278	0.22749
<i>ALS</i>	East Pacific vs West Atlantic	5	0	0.00426	0.00000	0.00434	0.00409	0.94240
<i>ANS</i>	East Pacific vs West Atlantic	7	0	0.00111	0.00171	0.00095	0.00000	0.00000
<i>CHS</i>	East Pacific vs West Atlantic	1	0	0.00054	0.00000	0.00072	0.00000	0.00000
<i>EST-2</i>	East Pacific vs West Atlantic	2	0	0.00226	0.00000	0.00290	0.00000	0.00000
<i>HSP-90</i>	East Pacific vs West Atlantic	3	0	0.00339	0.00000	0.00339	0.00000	0.00000
<i>TPI</i>	East Pacific vs West Atlantic	3	0	0.00221	0.00000	0.00284	0.00000	0.00000
<i>Waxy</i>	East Pacific vs West Atlantic	3	0	0.00129	0.00000	0.00162	0.00000	0.00000
<i>Average</i>	East Pacific vs West Atlantic			0.00215	0.00024	0.00239	0.00058	0.13463
<i>ALS</i>	Indian vs Atlantic	7	0	0.00330	0.00000	0.00389	0.00135	0.34704
<i>ANS</i>	Indian vs Atlantic	17	0	0.00627	0.00984	0.00080	0.00000	0.00000
<i>CHS</i>	Indian vs Atlantic	20	0	0.01922	0.00000	0.02385	0.00525	0.22013
<i>EST-2</i>	Indian vs Atlantic	4	0	0.00121	0.00000	0.00124	0.00110	0.88710
<i>HSP-90</i>	Indian vs Atlantic	5	0	0.00155	0.00000	0.00187	0.00147	0.78610
<i>TPI</i>	Indian vs Atlantic	6	0	0.00322	0.00000	0.00372	0.00149	0.40054
<i>Waxy</i>	Indian vs Atlantic	3	0	0.00365	0.00000	0.00459	0.00000	0.00000
<i>Average</i>	Indian vs Atlantic			0.00549	0.00141	0.00571	0.00152	0.37727
<i>ALS</i>	Indian vs West Pacific	17	0	0.00280	0.00000	0.00361	0.00259	0.71745
<i>ANS</i>	Indian vs West Pacific	26	0	0.00729	0.01088	0.00550	0.00088	0.16000
<i>CHS</i>	Indian vs West Pacific	20	0	0.00910	0.00000	0.01136	0.00232	0.20423
<i>EST-2</i>	Indian vs West Pacific	7	0	0.00042	0.00000	0.00110	0.00023	0.20909
<i>HSP-90</i>	Indian vs West Pacific	5	0	0.00186	0.00000	0.00403	0.00129	0.32010
<i>TPI</i>	Indian vs West Pacific	4	0	0.00260	0.00000	0.00293	0.00149	0.50853
<i>Waxy</i>	Indian vs West Pacific	4	0	0.00185	0.00000	0.00233	0.00000	0.00000
<i>Average</i>	Indian vs West Pacific			0.00370	0.00155	0.00441	0.00126	0.30277

The parameters shown are sequence length (bp), the number of sequences analyzed (N), the number of polymorphisms specific to each region (Sx), nucleotide diversity of all sites (pTotal) and that of noncoding regions (pnc) and synonymous (ps) and nonsynonymous (DTotal), noncodingsites (pa), and Tajima's D for all sites regions (Dnc), synonymous (Ds), and nonsynonymous sites (Da), and Fay's H (H) tests.