

**TABLE S2** | Genetic pairwise differentiation between *Prochilodus lineatus* samples obtained through microsatellite markers throughout the study. \*Statistically significant values  $p \leq 0.007$ .

Group 1	Group 2	D' Jost	$F_{ST}$	$R_{ST}$
Sep_03	Jan_05	0.62*	0.09*	0.30*
Sep_03	Aug_05	0.61*	0.13*	0.08*
Sep_03	Jan_06	0.62*	0.13*	0.29*
Sep_03	Jan_09	0.60*	0.13*	0.12*
Sep_03	Sep_10	0.57*	0.08*	0.08*
Sep_03	Feb_15	0.58*	0.08*	0.29*
Jan_05	Aug_05	0.30*	0.10*	0.50*
Jan_05	Jan_06	0.05	0.01	0.01
Jan_05	Jan_09	0.30*	0.06*	0.51*
Jan_05	Sep_10	0.33*	0.14*	0.43*
Jan_05	Feb_15	0.05	0.02	0.06
Aug_05	Jan_06	0.25*	0.06*	0.48*
Aug_05	Jan_09	0.25*	0.09*	0.28*
Aug_05	Sep_10	0.45*	0.12*	0.23*
Aug_05	Feb_15	0.27*	0.05	0.50*
Jan_06	Jan_09	0.27*	0.06*	0.44*
Jan_06	Sep_10	0.31*	0.11*	0.39*
Jan_06	Feb_15	0.03	0.00	0.00
Jan_09	Sep_10	0.47*	0.14*	0.30*
Jan_09	Feb_15	0.29*	0.04	0.41*
Sep_10	Feb_15	0.37*	0.11*	0.41*



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