

**Table S4:** Evanno table from the 10 replicate runs of Structure calculated with Structure Harvester.

K	Reps	Mean LnP(K)	Stdev LnP(K)	Ln'(K)	Ln''(K)	Delta K
2	10	-96410.370000	263.834077	—	—	—
3	10	-94428.600000	3.947432	1981.770000	1826.770000	462.774238
4	10	-94273.600000	4.928150	155.000000	54.290000	11.016303
5	10	-94172.890000	126.066900	100.710000	2576.400000	20.436768
6	10	-96648.580000	8132.643695	-2475.690000	4744.090000	0.583339
7	10	-94380.180000	928.555972	2268.400000	2189.080000	2.357510
8	10	-94300.860000	669.771585	79.320000	219.500000	0.327724
9	10	-94441.040000	812.714602	-140.180000	354.430000	0.436106
10	10	-94226.790000	589.869484	214.250000	—	—