**Table S3.** DIYABC analysis: introductions into California

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| **Parameter** | **Details\*** | **Prior** | **Posterior** |
| Colonization scenario | Scenario 1 – Central South is origin of Northern California, and Southwest is origin of Southern California  | 0.25 | 0.9895 [0.9830, 0.9961] |
|  | Scenario 2 – Central South is origin of Southern California, and Southwest is origin of Northern California | 0.25 | 0.0025 [0.0012, 0.0038] |
|  | Scenario 3 – One introduction into California | 0.25 | 0.0001 [0.0001, 0.0002] |
|  | Scenario 4 – Neutral model | 0.25 | 0.0079 [0.0019, 0.0138]  |
| Effective population size | 1. Central South (includes Houston TX, Cameron TX, Dallas TX, and New Orleans LA) | Uniform100 – 500,000 | Mean: 77,700Median: 41,600Quantile 2.5%: 7,380Quantile 97.5%: 376,000 |
|  | 3. Southwest (includes Nogales MX, Las Cruces NM, Tucson AZ) | Uniform100 – 500,000 | Mean: 11,800Median: 3,390Quantile 2.5%: 640Quantile 97.5%: 81,400 |
|  | 2. Northern California (includes Fresno, Madera, and San Mateo) | Uniform100 – 500,000 | Mean: 191,000Median: 166,000Quantile 2.5%: 5,300Quantile 97.5%: 475,000 |
|  | 4. Southern California (includes Anaheim, Orange, Garden Grove, Santa Ana, Mission Viejo, San Diego) | Uniform100 – 500,000 | Mean: 241,000Median: 237,000Quantile 2.5%: 9,530Quantile 97.5%: 486,000 |
| Split time in generations (10 generations/year) | T1. Southern California from Southwest | Uniform20 – 1000t1<t0 | Mean: 224Median: 168Quantile 2.5%: 39.9Quantile 97.5%: 774 |
|  | T2. Northern California from Central South | Uniform20 – 1000t2<t0 | Mean: 292Median: 238Quantile 2.5%: 61Quantile 97.5%: 853 |
|  | T3. Central South from Southwest | Uniform20 – 10,000 | Mean: 4,200Median: 4,330Quantile 2.5%: 1,730Quantile 97.5%: 5,900 |
| Mutation Rate | Microsatellite – General Mutation Model (GMM) | Uniform9x10-6 – 1x10-3 | Mean: 2.34 x 10-4Median: 1.94 x 10-4Quantile 2.5%: 7.64 x 10-5Quantile 97.5%: 6.44 x 10-4 |
| Confidence | Type I Error (simulated under scenario 1) | N/A | 0.14 |
|  | Type II Error (simulated under scenario 2) | N/A | 0.16 |
|  | Type II Error (simulated under scenario 3) | N/A | 0.02 |
|  | Type II Error (simulated under scenario 4) | N/A | 0.004 |

\*Regional groups composed of individuals from representative populations from each region.