

Table S1. Bats species used in the analyses

Subfamily	Species	n	Collection number
Carollinae			
	<i>Carollia brevicauda</i>	20	UV13018, UV14654, UV13830, UV13494, UV13368, UV13497, UV13762, UV13849, UV13766, UV14612, UV14760, UV14185, UV13932, UV13457, UV13933, UV12270, UV13537, UV13636, UV13400, UV13634
	<i>Carollia castanea</i>	20	UV13621, UV12040, UV7295, UV2625, UV3878, UV14592, UV14996, UV11398, UV14334, UV7187, UV14530, UV14119, UV7164, UV7166, UV13904, UV13903, UV4123, UV4528, UV4681, UV6999
	<i>Carollia perspicillata</i>	20	UV13778, UV14005, UV14408, UV11653, UV11502, UV13408, UV13783, UV14841, UV14848, UV14828, UV14836, UV14616, UV4001, UV13148, UV14102, UV4677, UV11462, UV11402, UV4531, UV10005
	<i>Rhinophylla alethina</i>	20	UV10111, UV10810, UV5353, UV11342, UV11558, UV5355, UV14380, UV11267, UV11655, UV5433, UV11186, UV5733, UV10049, UV5354, UV12047, UV5717, UV4251, UV11656, UV10536, UV12719
	<i>Rhinophylla fischeriae</i>	2	UV14245, UV14225
	<i>Rhinophylla pumilio</i>	10	UV14227, UV11859, UV14266, UV14222, UV14247, UV7186, UV11391, UV14278, UV11390, UV11860
Stenodermatinae			
	<i>Artibeus amplus</i>	2	UV11873, UV11451
	<i>Artibeus anderseni</i>	6	UV14698, UV14712, UV14187, UV14651, UV14948, UV14949
	<i>Artibeus cinereus</i>	20	UV4020, UV10699, UV10682, UV14650, UV10679, UV10242, UV10690, UV10244, UV10243, UV10237, UV10697, UV10234, UV10241, UV12102, UV5586, UV10245, UV10247, UV14137, UV10681, UV14694
	<i>Artibeus concolor</i>	4	UV2768, UV2771, UV2769, UV2770

<i>Artibeus glaucus</i>	20	UV12317, UV12105, UV11661, UV14748, UV12167, UV10689, UV14754, UV12634, UV14267, UV14513, UV14250, UV11658, UV11282, UV11336, UV11343, UV11303, UV11665, UV11351, UV12061, UV12060
<i>Artibeus jamaicensis</i>	20	UV14944, UV13986, UV14417, UV3729, UV5368, UV5465, UV5996, UV5484, UV5467, UV5476, UV11627, UV5815, UV10703, UV5588, UV11146, UV3730, UV14621, UV3835, UV14546, UV14716
<i>Artibeus lituratus</i>	20	UV14943, UV14942, UV14607, UV14850, UV14753, UV14015, UV14014, UV3537, UV14847, UV10915, UV12016, UV13245, UV2280, UV4041, UV4042, UV4045, UV10566, UV8150, UV13680, UV8151
<i>Artibeus obscurus</i>	12	UV11365, UV11363, UV14224, UV14223, UV14257, UV14210, UV11378, UV11879, UV11877, UV11876, UV11880, UV2772
<i>Artibeus phaeotis</i>	20	UV13821, UV4688, UV14399, UV13912, UV13398, UV11951, UV13066, UV14097, UV13492, UV13068, UV13735, UV13633, UV13885, UV13603, UV14594, UV13600, UV13814, UV14367, UV14016, UV14599
<i>Artibeus toltecus</i>	20	UV12502, UV13172, UV12494, UV12561, UV12245, UV12501, UV12444, UV12442, UV12249, UV12509, UV12496, UV13228, UV12327, UV12640, UV12511, UV12497, UV12635, UV12142, UV12484, UV12248
<i>Centurio senex</i>	12	CNMA19219, CNMA19221, CNMA19067, CNMA32632, CNMA31772, CNMA32631, CNMA6782, CNMA6781, CNMA22859, CNMA19220
<i>Chiroderma trinitatum</i>	3	UV11901, UV5987, UV5452
<i>Chiroderma villosum</i>	5	UV4326, UV14209, UV11888, UV3663, UV3664
<i>Ectophylla alba</i>	1	UV12701
<i>Enchisthenes hartii</i>	20	UV2967, UV4632, UV4633, UV4629, UV2970, UV2969, UV12182, UV2962, UV14858, UV11145,

		UV10599, UV3207, UV10598, UV10831, UV10832, UV4630, UV7469, UV7471, UV4455, UV2971
<i>Mesophylla macconnelli</i>	20	UV7206, UV12063, UV14154, UV14526, UV10118, UV7181, UV7461, UV4596, UV10409, UV10117, UV14329, UV14657, UV11385, UV3407, UV14345, UV4586, UV11667, UV11900, UV4704, UV5364
<i>Platyrrhinus aurarius</i>	2	UV11471, UV11472
<i>Platyrrhinus brachycephalus</i>	14	UV14531, UV14331, UV11457, UV11392, UV14957, UV11429, UV14916, UV14330, UV10673, UV11458, UV11459, UV14229
<i>Platyrrhinus chocoensis</i>	20	UV10102, UV3818, UV3821, UV3819, UV3820, UV10100, UV10103, UV10101, UV3822, UV3817, UV14823, UV3709, UV11310, UV13795, UV7449, UV2289, UV3647, UV13596, UV13607, UV13594
<i>Platyrrhinus dorsalis</i>	20	UV4443, UV11223, UV4446, UV14642, UV4445, UV7529, UV4571, UV3522, UV4149, UV3527, UV13013, UV12557, UV12624, UV12240, UV12111, UV12558, UV12145, UV12618, UV12630, UV7454
<i>Platyrrhinus helleri</i>	20	UV10582, UV14893, UV4293, UV14958, UV14153, UV11453, UV10583, UV11439, UV13608, UV11787, UV1379, UV5767, UV14411, UV11255, UV2154, UV5774, UV5770, UV5769, UV5760, UV10672
<i>Platyrrhinus infuscus</i>	16	UV11410, UV11414, UV11894, UV11895, UV11896, UV11897, UV11461, UV14339, UV11373, UV14301, UV14260, UV11374, UV14211, UV7209, UV14219, UV14259
<i>Platyrrhinus lineatus</i>	2	UV10202, UV10203
<i>Platyrrhinus vittatus</i>	8	UV12447, UV2029, UV2028, UV8144, UV4447, UV2941, UV3006, UV2940
<i>Sphaeronycteris toxophyllum</i>	1	UV2781
<i>Sturnira aratathomasi</i>	17	UV12549, UV4133, UV4131, UV12473, UV12273, UV3943, UV12550, UV12593, UV12272,

		UV12472, UV12471, UV12548, UV11689, UV3373, UV3482, UV12274, UV13071
<i>Sturnira bidens</i>	20	UV2015, UV3911, UV3483, UV4367, UV7327, UV2017, UV2537, UV2534, UV4428, UV4430, UV10371, UV2923, UV2477, UV14508, UV10471, UV12089, UV7571, UV13221, UV12594, UV3348
<i>Sturnira bogotensis</i>	20	UV12720, UV4433, UV12479, UV12279, UV12227, UV12160, UV13089, UV12963, UV2514, UV2513, UV2490, UV2501, UV2502, UV2507, UV3344, UV2510, UV2504, UV2509, UV2505, UV2497
<i>Sturnira erythromos</i>	20	UV13934, UV13257, UV13936, UV3354, UV2485, UV14509, UV12689, UV14064, UV12961, UV2933, UV2930, UV3383, UV13472, UV13470, UV12475, UV4538, UV12282, UV7487, UV12225, UV13088
<i>Sturnira lilium</i>	20	UV14589, UV14258, UV3318, UV14270, UV13412, UV13684, UV11460, UV13955, UV14521, UV12687, UV11937, UV13906, UV11811, UV11112, UV14648, UV14332, UV4008, UV10499, UV14409, UV4016
<i>Sturnira ludovici</i>	20	UV2936, UV3041, UV13039, UV7573, UV2937, UV13225, UV2938, UV10021, UV14098, UV12693, UV14200, UV14201, UV9877, UV3506, UV4439, UV2628, UV4547, UV3180, UV4548, UV10470
<i>Sturnira luisi</i>	20	UV11557, UV11732, UV11947, UV11949, UV4137, UV10819, UV11610, UV4705, UV13681, UV11609, UV14370, UV10538, UV3039, UV3175, UV3179, UV4138, UV10018, UV13491, UV13370, UV3177
<i>Sturnira magna</i>	20	UV14275, UV14304, UV14303, UV14217, UV14299, UV14306, UV14337, UV14305, UV14310, UV14288, UV14328, UV14274, UV14344, UV14273, UV11868, UV11866, UV11867, UV14327, UV14230, UV11375
<i>Sturnira mordax</i>	19	UV11566, UV11724, UV12612, UV12554, UV12610, UV12611, UV7445, UV4440, UV11198, UV11725, UV11567, UV11569, UV4442,

		UV11556, UV2926, UV12166, UV10019, UV7443, UV4441
<i>Sturnira tildae</i>	15	UV14336, UV14326, UV14323, UV14325, UV14297, UV14287, UV14277, UV14324, UV14286, UV14296, UV4294, UV11368, UV2767, UV7219, UV11872
<i>Uroderma convexum</i>	14	UV14971, UV14917, UV13956, UV14920, UV14300, UV14251, UV13618, UV12726, UV11442, UV4292, UV13915, UV11254, UV14622, UV11464, UV4291, UV13914, UV14604, UV14919
<i>Uroderma magnirostrum</i>	5	UV3319, UV14300, UV14251, UV11464, UV4291
<i>Vampyressa bidens</i>	3	UV11902, UV11904, UV11903
<i>Vampyressa thyone</i>	20	UV14733, UV14524, UV5447, UV14770, UV14047, UV14149, UV14357, UV14523, UV14048, UV14831, UV13800, UV13917, UV13733, UV14356, UV13916, UV14049, UV14532, UV13623, UV14046, UV12563
<i>Vampyrodes caraccioli</i>	14	UV98, UV101, UV14252, UV3710, UV96, UV5984, VT148, UV3654, UV13802, UV3655, UV5437, UV5438, UV2286, UV5983
