



Figure S1. Workflow of the rapid and extend BBB methods

Table S1. gDNA yield using rapid, 30-sec extend, and 3-min extend BBB methods.

Sample	Weight (mg)	12min (ng)	12min & +3min Ext. (ng)	Total (ng)	12min unit (ng/mg tissue)	12min & +3min Ext. unit (ng/mg tissue)	Total unit (ng/mg tissue)
1	3.2	1360.0	2408.0	3584.0	425.0	752.5	1120.0
2	2.0	1432.0	2488.0	3432.0	716.0	1244.0	1716.0
3	2.0	680.0	1272.0	1832.0	340.0	636.0	916.0
4	4.1	1640.0	3000.0	4240.0	400.0	731.7	1034.1
5	2.1	872.0	1604.0	2216.0	415.2	763.8	1055.2
6	3.0	1440.0	2648.0	3752.0	480.0	882.7	1250.7
7	1.9	856.0	1504.0	2148.0	450.5	791.6	1130.5
8	2.2	584.0	1068.0	1584.0	265.5	485.5	720.0
9	2.5	1008.0	1808.0	2476.0	403.2	723.2	990.4
10	2.2	832.0	1720.0	2396.0	378.2	781.8	1089.1
11	2.0	1536.0	2832.0	3360.0	768.0	1416.0	1680.0
12	2.3	576.0	1056.0	1456.0	250.4	459.1	633.0
13	0.9	584.0	1308.0	1960.0	648.9	1453.3	2177.8
14	1.3	920.0	1912.0	2257.6	707.7	1470.8	1736.6
15	0.4	272.0	524.0	610.0	680.0	1310.0	1525.0
16	4.3	1984.0	4640.0	5792.0	461.4	1079.1	1347.0
17	1.1	310.4	556.8	1892.0	282.2	506.2	1720.0
18	1.8	456.0	976.0	3122.0	253.3	542.2	1734.4
19	1.1	278.4	508.8	1106.0	253.1	462.5	1005.5
20	4.7	1360.0	2760.0	6032.0	289.4	587.2	1283.4
21	0.5	208.0	406.4	675.6	416.0	812.8	1351.2
22	2.4	1024.0	2000.0	3784.0	426.7	833.3	1576.7
23	3.3	488.0	866.0	1980.0	147.9	262.4	600.0
24	1.3	283.2	597.2	1462.8	217.8	459.4	1125.2
25	0.7	172.0	378.0	2096.0	245.7	540.0	2994.3
26	2.3	247.2	435.6	1023.6	107.5	189.4	445.0
27	2.4	668.0	3196.0	4156.0	278.3	1331.7	1731.7
29	1.1	500.0	1168.0	1588.0	454.5	1061.8	1443.6
30	1.1	412.0	1020.0	1340.0	374.5	927.3	1218.2
31	5.5	1232.0	3176.0	4136.0	224.0	577.5	752.0
32	1.3	596.0	1532.0	2040.0	458.5	1178.5	1569.2
33	4.6	2120.0	4648.0	5976.0	460.9	1010.4	1299.1
34	3.2	460.0	1252.0	1752.0	143.8	391.3	547.5