

Table S1. Raw measurement data for mouse molar, jaw and retromolar length

Each row represents a different specimen

Legend:

E=embryonic day

0=zero (could be measured; was equal to 0)

9999=absent/could not be measured

P=postnatal day

LL=lower left

M1=1st molar

M2=2nd molar

M3=3rd molar

RM=retromolar

LR=lower right

Age	Excel "day"	LL jaw length	M1 LL length	M2 LL length	M3 LL length	LL RM length	LR jaw length	M1 LR length	M2 LR length	M3 LR length	LR RM length
E10	-9	554.07	9999	9999	9999	9999	526.35	9999	9999	9999	9999
E10	-9	333.16	9999	9999	9999	9999	383.28	9999	9999	9999	9999
E10	-9	462.41	9999	9999	9999	9999	443.56	9999	9999	9999	9999
E11	-8	694.93	9999	9999	9999	9999	710.39	9999	9999	9999	9999
E12	-7	1063.96	9999	9999	9999	9999	1017.5	9999	9999	9999	9999
E12	-7	1190.58	418.94	9999	9999	9999	1014.62	430.25	9999	9999	9999
E12	-7	1096.2	9999	9999	9999	9999	1041.78	9999	9999	9999	9999
E13	-6	4827.15	1068.38	9999	9999	1181.68	4771.66	930.81	9999	9999	1205.82
E14	-5	2424.53	568.59	256.84	9999	240.35	2359.11	656.81	217.93	9999	148.28
E14	-5	2185.00	618.63	240.34	9999	271.24	2248.38	508.99	285.03	9999	244.19
E15	-4	9999	816.18	179.88	9999	9999	3499.76	799.03	250.78	9999	661.5
E15	-4	3471.62	780.83	290.7	9999	636.23	3531.02	789.79	307.87	9999	670.75
E15	-4	9999	808.2	151.6	9999	9999	9999	855.72	162.51	9999	9999
E16	-3	3621.35	934.4	214.97	9999	526.31	3603.15	832.82	237.61	9999	528.59
E17	-2	3328.38	925.65	584.26	9999	147.47	9999	939.38	555.38	9999	9999
E17	-2	9999	9999	9999	9999	9999	3231.03	890.37	400	9999	332.69
E17	-2	4516.94	916.27	400.13	9999	820.22	9999	9999	9999	9999	9999
E18	-1	3855.78	1101.54	472.85	9999	630.79	3867.24	1043.61	639.54	9999	537.51
E18	-1	9999	9999	9999	9999	9999	9999	977.09	612.76	9999	281.96
E18	-1	3720.22	985.81	433.47	9999	732.81	9999	9999	9999	9999	9999
P0=birth	0	5057.14	1229.23	524.67	9999	739.73	9999	9999	9999	9999	9999
P3	3	9999	9999	9999	9999	9999	5263.26	1305.58	1010.59	9999	553.59
P3	3	5152.41	1298.53	803.28	9999	809.97	9999	9999	9999	9999	9999
P3	3	9999	9999	9999	9999	9999	5119.06	1297.52	841.36	9999	725.89
P6	6	9999	935.05	632.6	9999	856.7	9999	9999	9999	9999	9999
P6	6	4431.37	952.84	628.81	9999	723.93	9999	9999	9999	9999	9999
P6	6	9999	928.42	599.36	9999	9999	9999	9999	9999	9999	9999
P8	8	4743.33	1030.73	730.87	9999	1131.43	9999	9999	9999	9999	9999
P8	8	4699.17	988.08	661.49	9999	1018.54	9999	9999	9999	9999	9999
P12	12	5121.90	1008.81	785.95	380.55	9999	9999	9999	9999	9999	9999
P12	12	5064.25	1023.21	669.69	384.17	9999	9999	9999	9999	9999	9999
P12	12	5120.62	1023.39	675.33	392.90	966.3	9999	9999	9999	9999	9999
P15	15	5557.89	1051.13	786.35	490.90	1300.64	9999	9999	9999	9999	9999
P15	15	5582.92	1015.20	691.90	480.52	1215.92	9999	9999	9999	9999	9999
P18	18	5706.14	994.57	682.62	461.13	1247.51	9999	9999	9999	9999	9999

Table S1. Raw measurement data for mouse molar, jaw and retromolar length

P18	18	9999	9999	9999	9999	9999	5501.56	1009.47	688.15	523.67	1235.43
P21	21	9999	9999	9999	9999	9999	8224.09	1448.11	977.2	812.7	1853.63
P21	21	9999	9999	9999	9999	9999	8901.26	1490.45	1057.69	921.6	1857.27
P21	21	8331.33	1445.52	969.05	787.93	1906.16	9999	9999	9999	9999	9999
P23	23	9999	9999	9999	9999	9999	9152.44	1477.54	1070.28	875.79	2054.32
P23	23	8758.18	1465.4	1037.94	818.95	2220.3	9999	9999	9999	9999	9999
P26	26	9415	1483.2	898.57	926.9	2324.27	9999	9999	9999	9999	9999
P26	26	9999	9999	9999	9999	9999	9275.71	1476.27	1082.85	912.57	2305.31
P26	26	9999	9999	9999	9999	9999	8446.23	1469.71	947.91	879.53	1928.03
P28	28	9472.03	1423.21	1015.65	822.22	2370.53	9999	9999	9999	9999	9999
P30	30	8923.14	1456.43	1025.18	833.08	2146.82	9999	9999	9999	9999	9999
P30	30	8454.41	1437.41	926.41	816.47	2250.51	9999	9999	9999	9999	9999
P32	32	9343.29	1460.04	1014.71	820.06	2468.67	9999	9999	9999	9999	9999
P32	32	9999	9999	9999	9999	9999	9999	1469.41	927.52	880.57	9999
P32	32	9999	9999	9999	9999	9999	9242.54	1460.02	962.95	941.42	2689.82

Table S1. Raw measurement data for mouse molar, jaw and retromolar length

Age	Excel "day"	UL=upper left					UR=upper right				
		UL jaw length	M1 UL length	M2 UL length	M3 UL length	UL RM length	UR jaw length	M1 UR length	M2 UR length	M3 UR length	UR RM length
E10	-9	586.73	9999	9999	9999	9999	600.28	9999	9999	9999	9999
E10	-9	477.95	9999	9999	9999	9999	495.68	9999	9999	9999	9999
E10	-9	613.33	9999	9999	9999	9999	590.87	9999	9999	9999	9999
E11	-8	667.68	9999	9999	9999	9999	702.66	9999	9999	9999	9999
E12	-7	1005.57	9999	9999	9999	9999	1036.75	9999	9999	9999	9999
E12	-7	9999	420.43	9999	9999	9999	1422.45	439.76	9999	9999	9999
E12	-7	1094.2	299.84	9999	9999	9999	1095.68	289.25	9999	9999	9999
E13	-6	3655.58	1904.69	9999	9999	71.07	3636.81	1867.48	9999	9999	99.35
E14	-5	1819.92	671.91	419.43	9999	9999	1816.44	643.57	399.04	9999	9999
E14	-5	1796.68	687.30	365.98	9999	9999	1803.26	625.59	369.60	9999	9999
E15	-4	2443.88	757.85	423.44	9999	9999	2466.33	741.1	428.56	9999	9999
E15	-4	2446.24	774.53	435.56	9999	112.95	2447.88	779.47	426.92	9999	128.63
E15	-4	2430.3	696.98	440.18	9999	9999	2385.79	750.42	436.27	9999	9999
E16	-3	2504.78	858.35	249.07	9999	9999	2533.42	873.23	396.53	9999	0.00
E17	-2	3246.30	892.36	519.18	9999	170.84	3256.22	957.86	644.54	9999	9999
E17	-2	9999	9999	9999	9999	9999	3206.91	778.82	613.01	9999	97.29
E17	-2	4866.02	817.22	479.49	9999	368.37	9999	9999	9999	9999	9999
E18	-1	3682.79	1330.96	506.28	9999	368.90	3674.30	1353.80	425.34	9999	443.19
E18	-1	9999	9999	9999	9999	9999	9999	1150.61	610.91	9999	225.52
E18	-1	3623.1	1043.91	9999	9999	9999	9999	9999	9999	9999	9999
P0=birth	0	4109.65	1195.42	661.96	9999	257.98	9999	9999	9999	9999	9999
P3	3	9999	9999	9999	9999	9999	4805.95	1476.28	870.3	9999	312.5
P3	3	4470.24	1413.99	778.51	9999	222.28	9999	9999	9999	9999	9999
P3	3	9999	9999	9999	9999	9999	4614.47	1445.12	888.28	9999	163.95
P6	6	3754.61	1156.7	649.86	9999	170.27	9999	9999	9999	9999	9999
P6	6	3949.98	1166.90	617.01	9999	274.80	9999	9999	9999	9999	9999
P6	6	3440.59	1157.90	584.11	9999	203.14	9999	9999	9999	9999	9999
P8	8	4150.73	1207.73	737.71	9999	395.82	9999	9999	9999	9999	9999
P8	8	4166.11	1169.75	620.30	9999	507.51	9999	9999	9999	9999	9999
P12	12	4723.36	1226.78	740.35	317.74	195.2	9999	9999	9999	9999	9999
P12	12	4801.43	1240.64	679.22	171.74	199.30	9999	9999	9999	9999	9999
P12	12	4611.28	1225.96	505.65	340.24	382.37	9999	9999	9999	9999	9999
P15	15	5140.60	1270.06	749.61	421.77	215.57	9999	9999	9999	9999	9999
P15	15	4844.45	1223.53	697.98	383.49	182.27	9999	9999	9999	9999	9999
P18	18	5151.13	1246.03	738.13	414.70	234.23	9999	9999	9999	9999	9999

Table S1. Raw measurement data for mouse molar, jaw and retromolar length

P18	18	9999	9999	9999	9999	9999	5067.43	1248.56	751.57	447.56	195.94
P21	21	9999	9999	9999	9999	9999	7746.38	1754.16	1008.15	658.97	315.39
P21	21	9999	9999	9999	9999	9999	8033.65	1838.8	1132.9	653.83	260.14
P21	21	8315.59	1671.63	1021.6	660.77	545.02	9999	9999	9999	9999	9999
P23	23	9999	9999	9999	9999	9999	8256.31	1812.08	1092.75	669.23	559.78
P23	23	9036.89	1820.54	1116.06	639.61	546.74	9999	9999	9999	9999	9999
P26	26	8649.62	1853.1	1096.72	662.15	486.71	9999	9999	9999	9999	9999
P26	26	9999	9999	9999	9999	9999	8256.56	1833.96	1142.56	668.26	478.56
P26	26	9999	9999	9999	9999	9999	7864.87	1736.7	1023.4	642.15	344.22
P28	28	9071.21	1781.91	1085.15	660.4	481.63	9999	9999	9999	9999	9999
P30	30	8657.08	1663.77	1104.29	637.97	437.1	9999	9999	9999	9999	9999
P30	30	8000.25	1581.8	969.34	624.31	415.43	9999	9999	9999	9999	9999
P32	32	9474.34	1798.04	1109.89	612.75	799.8	9999	9999	9999	9999	9999
P32	32	9999	9999	9999	9999	9999	8554.05	1631.56	969.16	708.42	9999
P32	32	9999	9999	9999	9999	9999	8679.24	1654.77	1004.07	695.24	643.96

