

Supplementary Table S6: Number and frequency of Y chromosome haplogroup O1b2 and O1b2a1a1 lineages in Japanese male population from the seven cities

O1b2	Nagasaki	Fukuoka	Tokushima	Osaka	Kanazawa	Kawasaki	Sapporo	All
O1b2-SRY465	0 (0.0)	0 (0.0)	1 (3.0)	1 (6.7)	6 (11.1)	1 (3.2)	5 (12.2)	14 (6.5)
O1b2a-F1942	2 (6.3)	0 (0.0)	1 (3.0)	0	3 (5.6)	2 (6.5)	2 (4.9)	10 (4.7)
O1b2a1a-F1290	0 (0.0)	0 (0.0)	1 (3.0)	1 (6.7)	3 (5.6)	5 (16.1)	0 (0.0)	10 (4.7)
O1b2a1a2a-K28	1 (3.1)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.5)
O1b2a1a2a1-CTS723	10 (31.3)	3 (37.5)	8 (24.2)	3 (20.0)	9 (16.7)	8 (25.8)	11 (26.8)	52 (24.3)
O1b2a1a2a1a-CTS7620	8 (25.0)	3 (37.5)	11 (33.3)	7 (46.7)	15 (27.8)	5 (16.1)	11 (26.8)	60 (28.0)
O1b2a1a2a1b-A12447	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (2.4)	1 (0.5)
O1b2a1a2a1b1-PH40	8 (25.0)	1 (12.5)	7 (21.2)	1 (6.7)	3 (5.6)	5 (16.1)	5 (12.2)	30 (14.0)
O1b2a1a3-F3821	3 (9.4)	1 (12.5)	4 (12.1)	2 (13.3)	15 (27.8)	5 (16.1)	5 (12.2)	35 (16.4)
O1b2a1b-CTS562	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (2.4)	1 (0.5)
Total	32	8	33	15	54	31	41	214
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O1b2a1a1								
O1b2a1a1-47z	24 (34.8)	8 (29.6)	28 (38.4)	5 (19.2)	29 (27.9)	26 (33.3)	34 (30.1)	154 (31.4)
O1b2a1a1a-CTS7465	23 (33.3)	9 (33.3)	25 (34.2)	9 (34.6)	35 (33.7)	23 (29.5)	44 (38.9)	168 (34.3)
O1b2a1a1b-Z24598	15 (21.7)	7 (25.9)	14 (19.2)	9 (34.6)	29 (27.9)	16 (20.5)	27 (23.9)	117 (23.9)
O1b2a1a1c-CTS6622	7 (10.1)	3 (11.1)	6 (8.2)	3 (11.5)	11 (10.6)	13 (16.7)	8 (7.1)	51 (10.4)
Total	69	27	73	26	104	78	113	490