

Supplemental Data

Low Allele Frequency of *ADH1B*47His* in West Chinaand Different *ADH1B* Haplotypes in Western and Eastern Asia

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Table S1. *ADH1B*47His* Allele Frequencies for Population Samples Archived from the Literature

Region	Country	No. Population	2N	<i>ADH1B*47His</i> (%)	Reference
Newly reported data					
Central Asia	China	S01 Uigur-Turpan	96	36.46	[1]
Central Asia	China	S02 Khazak-Balikun	96	20.83	[1]
Northeast Asia	China	S03 Mongol-Shilingol	150	39.19	[1]
East Asia	China	S04 BaimaDee	84	34.52	[1]
East Asia	China	S05 Khams-Kangding	72	10.00	[1]
East Asia	China	S06 Qiang	80	44.87	[1]
East Asia	China	S07 Han-Shanghai	106	75.47	[1]
Southeast Asia	Laos	S08 Phunoi	86	6.98	[1]
East Asia	China	S09 Hmong-Black	120	61.21	[1]
Southeast Asia	Laos	S10 Hmong-White	120	69.64	[1]
East Asia	China	S11 Zhuang-N	80	58.02	[1]
East Asia	China	S12 Zhuang-S	60	71.19	[1]
East Asia	China	S13 Kam	148	52.78	[1]
East Asia	China	S14 Laka	196	63.40	[1]
East Asia	China	S15 Hlai	118	59.32	[1]
Southeast Asia	Laos	S16 Lao	234	52.87	[1]
Southeast Asia	Laos	S17 Saek	114	48.25	[1]
East Asia	China	S18 Ava	118	7.94	[1]
Southeast Asia	Laos	S19 Lamet	84	17.86	[1]
Southeast Asia	Laos	S20 Khmu	102	24.00	[1]
Southeast Asia	Laos	S21 Bo	104	28.85	[1]
Southeast Asia	Laos	S22 Katu	100	48.00	[1]
Southeast Asia	Laos	S23 Laven	94	29.35	[1]
East Asia	China	S24 Tsat	104	71.15	[1]
East Europe	Russia	38 Rus-Moscow	108	6.00	[2]
East Europe	Ukrain	S25 Ukrainian	100	7.00	[3]
Central Asia	Tajikstan	S26 Pamiri	60	22.00	[3]
East Europe	Russia	S27 Rus-Kostroma	236	3.00	[3]
Southeast Asia	Thailand	S28 Thai-Khonkaen	306	45.00	[4]
Central Asia	Russia	S29 Altaian	54	26.00	[5]
Northeast Asia	Russia	S30 Buryat	60	25.00	[5]
Northeast Asia	Russia	S31 Chukchi	102	2.00	[5]
Northeast Asia	Russia	S32 Siberian Eskimo	68	3.00	[5]
North America	Mexico	S33 Otomi	118	6.80	[6]
South America	Peru	S34 Quecha	42	0.00	[7]
West Europe	Germany	S35 German-Rhein	2762	5.10	[8]
Northeast Asia	South Korea	S36 Koreans	966	77.70	[9]
Oceania	New Zealand	S37 Maori	50	42.00	[10]
East Asia	Japan	S38 Japanese-Sendai	922	75.50	[11]
East Asia	China	S39 Han-Lanzhou	960	77.50	[12]
Sub-Sahara	South Africa	S40 Xhosa	348	0.57	[13]
East Asia	Japan	S41 Japanese-Akita	1350	74.30	[14]
East Europe	Russia	S42 Rus-Moscow	1594	5.41	[15]
West Europe	Poland	S43 Pole-Lodz	1608	5.79	[15]
East Europe	Romania	S44 Romanian-Bucharest	356	9.66	[15]
West Europe	Czech	S45 Czech-Olomouc	1228	5.19	[15]
East Europe	Slovakia	S46 Slovak-Banská Bystrica	386	7.59	[15]
West Europe	France	S47 French-Paris	256	4.40	[15]
West Europe	Czech	S48 Czech-Prague	248	8.70	[15]
West Europe	Greece	S49 Greek-Athens	320	16.01	[15]
West Europe	Italy	S50 Italian-Aviano	280	6.72	[15]
West Europe	Italy	S51 Italian-Padova	236	4.70	[15]
West Europe	Italy	S52 Italian-Torino	356	11.78	[15]
West Europe	Norway	S53 Norwegian-Oslo	270	0.38	[15]
West Europe	Britain	S54 Scots-Edinburgh	102	3.00	[15]
West Europe	Britain	S55 Englander-Manchester	312	1.94	[15]
West Europe	Britain	S56 Englander-Newcastle	190	2.20	[15]
West Europe	Spain	S57 Catalanian-Barcelona	160	6.96	[15]

Region	Country	No.	Population	2N	ADHIB*47His(%)	Reference
West Europe	Croatia	S58	Croatian-Zagreb	84	4.76	[15]
North America	Cuba	S59	Cuban	264	7.45	[15]
South America	Argentina	S60	Buenos Aires	406	6.71	[15]
South America	Brazil	S61	Brazilian-Goiana	410	5.99	[15]
South America	Brazil	S62	Brazilian-Pelotas	444	7.33	[15]
South America	Brazil	S63	Brazilian-Rio de Janeiro	416	6.70	[15]
South America	Brazil	S64	Brazilian-Sao Paulo	630	7.17	[15]
East Asia	Japan	S65	Japanese-Yokosuka	84	85.70	[16]
East Asia	Japan	S66	Japanese-Kanazawa	98	78.57	[17]
West Europe	Danmark	S67	Danish	18160	2.26	[18]
West Europe	Australia	S68	European Australians	9194	3.50	[19]
						[20] with personal communication
East Asia	China	S69	Han-Shanghai	332	74.70	[20] with personal communication
East Asia	China	S70	Han-Hangzhou	132	78.03	[20] with personal communication
East Asia	China	S71	Han-Guangzhou	72	69.44	[20] with personal communication
East Asia	China	S72	Han-Wuhu	344	69.77	[20] with personal communication
Analyzed in the previous paper [21]						
Sub-Saharan	South Africa	1	Western Cape	356	10.70	[22]
Sub-Saharan	Angola	2	!Kung San	82	0.00	[23]
Sub-Saharan	Mozambique	3	Negroid Makrani	56	1.80	[21]
Sub-Saharan	Tanzania	4	Sandawe	80	0.00	[21]
Sub-Saharan	Tanzania	5	Chagga	90	0.00	[7]
Sub-Saharan	Central Africa	6	Biaka	136	0.00	[23]
Sub-Saharan	Congo	7	Mbuti	76	0.00	[23]
Sub-Saharan		8	SW-Bantu	94	0.00	[23]
Sub-Saharan	Nigeria	9	Hausa	74	0.00	[23]
Sub-Saharan	Nigeria	10	Ibo	88	0.00	[23]
Sub-Saharan	Nigeria	11	Yoruba	154	0.00	[23]
Sub-Saharan	Nigeria	12	Yoruba	118	0.00	[24]
Sub-Saharan	Kenya	13	Masai	38	0.00	[7]
Sub-Saharan		14	African	74	0.00	[25]
Sub-Saharan	USA	15	African-American	80	1.90	[26]
Sub-Saharan	USA	16	African-American	172	1.00	[7]
North Africa	Somalia	17	Somali	36	2.80	[21]
North Africa	W Sahara	18	Saharans	118	10.00	[23]
North Africa	Morocco	19	N-Moroccans	186	8.00	[23]
North Africa	Morocco	20	C-Moroccans	174	8.00	[23]
North Africa	USA	21	Black-American	216	23.00	[27]
North Africa	Ethiopia	22	Ethiopian-Jews	58	38.00	[7]
West Asia	Yemen	23	Yemenite-Jews	76	41.00	[7]
West Asia	Israel	24	Druze	138	27.00	[7]
West Asia	Israel	25	Samaritans	78	68.00	[7]
West Asia	Israel	26	non-Rus Ashkenazis	46	20.00	[28]
West Asia	Israel	27	Rus Ashkenazis	54	17.00	[28]
West Europe	Germany	28	Ashkenazi-Jews	166	27.80	[7]
West Asia	Israel	29	Sephardics Jews	50	41.00	[28]
West Asia	Turkey	30	Turks-Turkey	88	12.50	[25]
West Asia	Iran	31	Turks-Iran	220	46.00	[29]suspecious
West Asia	Iran	32	Turkomans	214	51.00	[29]suspecious
West Asia	Iran	33	Persian-Zoroastrians	82	68.00	[29]suspecious
East Europe	Russia	34	Adygei	106	13.00	[7]
Northwest Asia	Russia	35	Chuvash	78	18.00	[7]
East Europe	Russia	36	Rus-Vologda	96	6.40	[7]
East Europe	Russia	37	Rus-Archangelsk	68	5.00	[7]
East Europe	Russia	38	Rus-Moscow	100	41.00	[30]suspecious
East Europe	Hungaria	39	Hungarians	230	5.20	[25]
East Europe	Hungary	40	Hungarian	178	10.10	[21]
East Europe	Finland	41	Finns	70	0.00	[7]
East Europe	Finland	42	Finns	170	1.20	[25]
East Europe	Sweden	43	Lapps	200	0.50	[25]
Northwest Asia	Russia	44	Khanty	98	0.00	[7]
Northwest Asia	Russia	45	Komi	90	0.00	[7]
West Europe	Sweden	46	Swede-Stockholm	176	3.80	[31]
West Europe	Sweden	47	Swedes	180	0.60	[25]
West Europe	Poland	48	Pole-Krakow	386	1.50	[31]
West Europe	Danmark	49	Danes	96	0.00	[7]
West Europe	Germany	50	German	3326	1.50	[32]

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West Europe	Germany	51	Germans	466	4.10	[25]
West Europe	Germany	52	German-Heidelberg	368	1.20	[31]
West Europe	France	53	French-Bordeaux	320	0.00	[31]
West Europe	Ireland	54	Irish	150	0.00	[7]
West Europe	Spain	55	Spaish-Tarragona	502	5.40	[31]
West Europe	Spain	56	Spaish-Catalans	176	6.00	[23]
West Europe	Spain	57	Basque	190	4.00	[23]
West Europe	USA	58	European-American	80	3.40	[26]
West Europe	USA	59	European-American	120	0.00	[24]
West Europe	USA	60	White-American	446	2.00	[27]
South Asia	Pakistan	61	Mohanna	104	7.70	[21]
South Asia	India	62	Keralite	58	0.00	[21]
South Asia	India	63	Indians	334	9.90	[25]
South Asia	India	64	Bhil	72	0.00	[33]
South Asia	India	65	Gond	98	0.00	[33]
South Asia	India	66	Sahariya	98	2.00	[33]
South Asia	India	67	Korku	278	0.00	[33]
South Asia	India	68	Pattapu	200	4.50	[33]
Southeast Asia	India	69	Onge	90	0.00	[33]
Southeast Asia	India	70	Kachari	34	12.00	[34]
South Asia	Pakistan	71	Hazara	58	24.10	[21]
Southeast Asia	Thailand	72	Thais	222	33.30	[25]
Southeast Asia	Cambodia	73	Cambodian	50	34.00	[7]
Southeast Asia	Laos	74	Oy	100	48.00	[21]
Southeast Asia	Laos	75	Brao	100	20.00	[21]
Southeast Asia	Laos	76	Talieng	96	38.50	[21]
Southeast Asia	Laos	77	Alak	92	35.90	[21]
Southeast Asia	Laos	78	Jeh	100	34.00	[21]
Southeast Asia	Laos	79	Ngeq	124	39.50	[21]
Southeast Asia	Laos	80	Taoih	10	50.00	[21]
Southeast Asia	Laos	81	Kataang	92	54.30	[21]
Southeast Asia	Laos	82	Suy	104	26.00	[21]
Southeast Asia	Laos	83	Inh	98	56.10	[21]
Southeast Asia	Laos	84	So	108	25.90	[21]
Southeast Asia	Laos	85	Phuthai	100	14.00	[21]
Southeast Asia	Laos	86	Aheu	104	31.10	[21]
Southeast Asia	Laos	87	Bo	98	31.70	[21]
Southeast Asia	Laos	88	TaiMene	104	35.60	[21]
Southeast Asia	Laos	89	Phuan	106	39.60	[21]
Southeast Asia	Laos	90	Rien	100	26.00	[21]
Southeast Asia	Laos	91	Mal	100	21.00	[21]
Southeast Asia	Laos	92	Kang	36	36.10	[21]
Southeast Asia	Laos	93	TaiDeang	96	41.70	[21]
Southeast Asia	Laos	94	TaiDam	102	33.30	[21]
Southeast Asia	Laos	95	Puoc	82	25.60	[21]
Southeast Asia	Laos	96	Bit	86	10.50	[21]
East Asia	China	97	Bugan	46	87.00	[21]
East Asia	China	98	Lachi	40	100.00	[21]
East Asia	China	99	Yerong	14	42.90	[21]
East Asia	China	100	CaoLan	12	91.70	[21]
East Asia	China	101	Pahng	20	100.00	[21]
East Asia	China	102	Bouyei-Yunnan	64	29.70	[35]
East Asia	China	103	Hui-Guizhou	62	38.70	[35]
East Asia	China	104	Pou	18	83.30	[21]
East Asia	China	105	Tujia	48	60.40	[21]
Southeast Asia	Malaysia	106	Malays	130	59.20	[25]
Southeast Asia	Philippines	107	Filipinos	114	60.50	[25]
East Asia	China	108	Paiwan	70	86.00	[36]
East Asia	China	109	Ami	44	70.00	[36]
East Asia	China	110	Ami	80	76.00	[7]
East Asia	China	111	Bunun	118	84.00	[36]
East Asia	China	112	Atayal	62	85.00	[36]
East Asia	China	113	Atayal	82	84.00	[7]
East Asia	China	114	Chinese	172	68.00	[25]
East Asia	China	115	Han-Canton	104	71.10	[7]
East Asia	China	116	Han-Fujian	64	51.60	[35]
East Asia	China	117	Han-SouthTaiwan	196	51.00	[37]
East Asia	China	118	Han-Taiwan	100	73.00	[7]
East Asia	China	119	Han-Hakka	84	69.00	[7]
East Asia	China	120	Han-Jiangsu	414	64.00	[38]
East Asia	China	121	Han-Sichuan	64	42.20	[35]
East Asia	China	122	Han-Shandong	804	71.00	[39]
East Asia	China	123	Han-Henan	210	57.10	[40]
East Asia	China	124	Han-Beijing	90	76.70	[24]

Region	Country	No. Population	2N	ADHIB*47His(%)	Reference
Northeast Asia	China	125 Han-Jilin	96	68.00	[41]
Central Asia	China	126 Han-Xinjiang	64	42.20	[35]
Central Asia	China	127 Uygur-Urumqi	94	27.30	[35]
Central Asia	China	128 Xibo-Ili	68	32.40	[35]
Central Asia	China	129 Kazak-Ili	64	17.20	[35]
Northeast Asia	Russia	130 Yakut	98	18.00	[7]
Northeast Asia	China	131 Mongolian-Baotou	70	63.00	[41]
Northeast Asia	China	132 Manchu	64	37.50	[35]
Northeast Asia	China	133 Daur	50	30.00	[35]
Northeast Asia	China	134 Mongol-Hulunbel	64	31.30	[35]
Northeast Asia	China	135 Ewenk-Hulunbel	64	39.10	[35]
Northeast Asia	China	136 Oroqen-Hulunbel	50	14.50	[35]
Northeast Asia	China	137 Elunchun-Mohe	74	38.00	[41]
Northeast Asia	China	138 Hezhen	64	28.10	[28]
Northeast Asia	China	139 Korean-Changchun	100	71.00	[41]
Northeast Asia	China	140 Korean-Yanbian	62	40.30	[28]
Northeast Asia	South Korea	141 Korean	132	74.10	[7]
Northeast Asia	South Korea	142 Korean-Incheon	200	72.70	[42]
Northeast Asia	South Korea	143 Koreans	354	80.50	[25]
Northeast Asia	Japan	144 Japanese-Gunma	922	75.00	[43]
Northeast Asia	Japan	145 Japanese-Kyoto	1542	77.30	[44]
Northeast Asia	Japan	146 Japanese	96	76.00	[7]
Northeast Asia	Japan	147 Japanese	64	59.40	[25]
Northeast Asia	Japan	148 Japanese-Aichi	2252	78.00	[45]
Northeast Asia	Japan	149 Japanese-Tokyo	88	73.90	[24]
Oceania	Micronesia	150 Micronesian	72	24.00	[7]
Oceania	New Zealand	151 Maori	94	45.00	[46]
Oceania	New Zealand	152 Polynesian	62	50.00	[10]
Oceania	PNG	153 Papua New Guineans	408	6.90	[25]
Oceania	PNG	154 Nasioi	46	20.00	[7]
Oceania	Australia	155 Australia Aborigines	44	34.10	[25]
North America	Alaska	156 Eskimos	54	0.00	[25]
North America	USA	157 Cheyenne	108	0.00	[7]
North America	USA	158 Mexican-American	216	6.00	[47]
North America	USA	159 Pima-Arizona	92	0.00	[7]
North America	USA	160 SW-Amerindian	990	0.00	[48]
North America	Mexico	161 Maya-Yucatan	102	6.00	[7]
North America	Mexico	162 Mestizos	114	5.30	[25]
North America	Mexico	163 Pima-Mexico	102	1.00	[7]
South America	Brazil	164 Caboclos	40	10.00	[25]
South America	Brazil	165 Karitiana	102	0.00	[7]
South America	Brazil	166 Surui	72	0.00	[7]
South America	Brazil	167 Ticuna	130	0.00	[7]
South America	Chile	168 Aurocanians	54	0.00	[25]

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