

Table S9 (page 1 of 2). Large HSat2,3-associated unmapped scaffolds localized by WCS coverage.

HuRef SCAF ID NCBI ref. ID	Non-gap length (bp)	Non-gap non- repeat length (bp)	Unique 24-mer count	% seg dup	NCBI gene predictions	Chr(s) assigned by WCS mapping	Genovese admixture map loci [#SNPs]	Levy FISH map loci PRIMARY/ SECONDARY	HSat2,3 read subfams [read ct.]	HSat2,3 mate pair subfams [read ct.]
1103279188373 NW_001841157.1	1,500,749	610,252	446,252	89.2	none	X,Y	X [2]	NA	2A2[8]	2A2[4] 3B5[1]
1103279188189 NW_001841137.1	270,611	113,266	30,200	95	MIR3118-3 (p)SNX18P16 (p)LOC644339 (p)LOC100129224 (p)LOC101060847 (p)FLJ43315	9	NA	13cen 22cen 9q13 / 14cen 15cen 21cen 1q12 4p12	NONE	3A4[9]
1103279181222 NW_001839651.1	236,390	93,415	20,586	86.3	LOC101060792 (p)LOC100291626 (p)LOC100287702 (p)LOC100996901 (p)LOC100134412 (p)LOC101060784	3,14,16, 17,19	NA	2cen 14cen 22cen 16cen / 9q21 9cen 15cen 13cen 10cen 1q11	2B[27] 3A4[3] 2A2[1]	2B[22] 3A4[3] 3A1[2]
1103279188307 NW_001841150.1	168,878	64,308	15,673	91.4	LOC101060770 (p)LOC101059996	1	1 [53]	1q11 16q11.2 7cen / 2p11.2 3p21.3 17p11	2B[250] 2A1[80] 2A2[57] 3B1[2] 3A4[1]	2B[43] 2A1[4] 2A2[1] 3B1[1] 3A4[1]
1103279188429 NW_001841160.1	172,513	59,515	14,687	84.1	(p)LOC101059923 (p)LOC101060813	7	7 [128]	1q12 7cen 16q11 / 2cen 9cen 13cen 14cen 15cen 22cen	2B[312] 3B3[124] 3B1[11] 2A2[11] 3B2[10] 3B5[7] 2A1[3] 3B4[1] 3A2[1]	2B[44] 3B3[22] 3B1[2] 3B5[2] 2A2[1] 3A2[1] 3A5[1]
1103279187452 NW_001840853.1	318,231	49,935	12,054	90.7	(p)LOC100996808	20	20 [563]	20q11 / 9qh 13cen 14cen 15cen 21cen 22cen	3A4[14]	3A4[15] 3B3[1]
1103279188266 NW_001841145.1	150,210	46,868	18,917	50.8	DUX4L4 LOC100292669 (p)LOC100653165 (p)DUX4L11 (p)LOC100653184 (p)LOC101060749 (p)LOC100653190 (p)LOC100288523 (p)LOC649425 (p)LOC100134340	14,19	NA	NA	3A4[5]	3A4[5]
1103279179615 NW_001839257.1	223,057	43,410	10,607	84.2	(p)LOC647654	20	20 [90]	NA	3A4[6]	3A4[5]

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HuRef SCAF ID NCBI ref. ID	Non-gap length (bp)	Non-gap non- repeat length (bp)	Unique 24-mer count	% seg dup	NCBI gene predictions	Chr(s) assigned by WCS mapping	Genovese admixture map loci [#SNPs]	Levy FISH map loci PRIMARY/ SECONDARY	HSat2,3 read subfams [read ct.]	HSat2,3 mate pair subfams [read ct.]
1103279188305 NW_001841149.1	210,648	40,192	6,298	79.8	none	9	2 [6] 9 [2]	NA	2B[282] 2A1[10] 2A2[9]	2B[53] 2A1[4]
1103279187792 NW_001841011.1	247,273	35,200	7,692	79.6	LOC100132859 LOC100505781 (p)LOC101060790	1	1 [197]	1q11 16q21 / 2p12 7q12	2B[247] 2A2[66] 2A1[45]	2B[50] 2A1[7] 2A2[6]
1103279187616 NW_001840933.1	48,268	28,883	8,249	88.5	none	14,22	22 [1]	NA	3A4[11]	3A4[11]
1103279188290 NW_001841146.1	127,632	26,401	5,299	72.9	(p)LOC100134215 (p)LOC652301 (p)LOC100287990	1,16,17,19	1 [4] 14 [2]	NA	3A1[319] 3A2[31] 3B3[15] 3B1[13] 3B2[9] 3A5[7] 3A6[3] 3B5[2] 3A3[1] 3B4[1] 3A4[1]	3A1[26] 3A2[5] 3B3[1]
1103279187477 NW_001840867.1	100,705	23,927	7,299	73.7	(p)LOC101060863	15	15 [1]	20cen / 15cen 13cen 22cen	3A4[3]	3A4[7]
1103279181301 NW_001839668.1	53,723	20,196	5,117	85.2	none	7	7 [1]	7p11 / 2cen 1qh 16qh	3A2[14] 2B[5] 3A3[3]	3A2[7] 3A3[3] 2B[1]
1103279180187 NW_001839391.1	19,905	10,996	1,448	88.2	FAM138D (p)WASH3P	20	NA	NA	3A4[6]	3A4[3]
1103276878137 (NA)	12,911	10,320	3,657	86.2	NA	13,21	NA	NA	NONE	3A4[8] 3A5[1]
1103276806665 (NA)	21,097	10,102	3,713	89	NA	2	NA	NA	2B[34]	2B[37] 2A2[2] 3A2[1] 2A1[1]
<b>TOTAL</b>	3,882,801	1,287,186	617,748	86.2						