Table S7. HSat2,3 localization predictions from WCS data.

	2A1	2A2	2B	3A1	3A2	3A3	3A4	3A5	3A6	3B1	3B2	3B3	3B4	3B5
1	1474 [1447,1499]	14270 [14195,14349]	202 [159,244]	44 [39,51]	27 [21,34]	0 [0,1]	26 [17,34]	28 [14,43]	1 [0,2]	9 [6,11]	245 [235,256]	111 [98,125]	5 [1,8]	32 [19,43]
2	2 [0,5]	48 [19,75]	523 [495,551]	2 [0,6]	8 [2,13]	0 [0,1]	9 [2,16]	7 [0,18]	0 [0,1]	1 [0,2]	0 [0,1]	4 [0,11]	4 [0,8]	17 [2,32]
3	7 [0,23]	10 [0,33]	120 [0,335]	13 [0,43]	19 [0,64]	4 [0,14]	27 [0,89]	27 [0,84]	7 [0,22]	5 [0,15]	6 [0,20]	165 [0,461]	9 [0,32]	46 [0,150]
4	0 [0,1]	0 [0,1]	1 [0,3]	0 [0,1]	2 [0,4]	0 [0,1]	23 [18,27]	2 [0,4]	1 [0,2]	0 [0,1]	0 [0,1]	14 [8,20]	0 [0,1]	1 [0,3]
5	1 [0,3]	1 [0,2]	15 [5,25]	1 [0,3]	1 [0,2]	0 [0,1]	1 [0,3]	1 [0,3]	0 [0,1]	0 [0,1]	1 [0,2]	149 [133,164]	1 [0,2]	43 [32,54]
6	1 [0,2]	1 [0,2]	6 [2,9]	0 [0,1]	1 [0,2]	0 [0,0]	0 [0,1]	3 [1,6]	1 [0,2]	0 [0,1]	1 [0,2]	5 [1,8]	1 [0,3]	1 [0,4]
7	1 [0,4]	4 [0,11]	347 [321,373]	4 [0,8]	17 [11,23]	6 [3,10]	7 [1,13]	4 [0,8]	94 [82,107]	1 [0,3]	1 [0,3]	158 [141,176]	7 [2,12]	31 [19,46]
8	1 [0,3]	1 [0,2]	22 [4,38]	1 [0,2]	1 [0,2]	0 [0,1]	4 [0,7]	1 [0,4]	0 [0,1]	0 [0,1]	1 [0,2]	39 [0,76]	1 [0,3]	1225 [1132,1325]
9	2 [0,6]	2 [0,5]	25 [0,59]	1 [0,4]	1 [0,4]	0 [0,1]	5 [0,11]	1 [0,5]	1 [0,2]	0 [0,1]	1 [0,2]	109 [14,188]	1 [0,4]	7260 [7100,7421]
10	134 [0,298]	62 [0,131]	26 [0,68]	21 [0,47]	24 [0,55]	1 [0,2]	6 [0,16]	3 [0,8]	3 [0,8]	1 [0,3]	1 [0,2]	68 [0,174]	2 [0,6]	30 [0,100]
11	202 [1,368]	47 [0,124]	28 [0,73]	23 [0,52]	27 [0,62]	1 [0,2]	7 [0,19]	3 [0,9]	3 [0,9]	1 [0,3]	1 [0,3]	62 [0,168]	3 [0,8]	32 [0,109]
12	56 [0,168]	43 [0,108]	26 [0,66]	17 [0,41]	16 [0,43]	0 [0,2]	6 [0,16]	3 [0,8]	3 [0,7]	1 [0,2]	1 [0,2]	76 [0,177]	2 [0,6]	32 [0,106]
13	4 [3,6]	2 [0,4]	9 [6,13]	85 [80,91]	49 [45,53]	1 [0,2]	152 [145,160]	8 [5,10]	4 [2,6]	2 [1,3]	15 [13,18]	159 [151,167]	89 [83,95]	52 [47,57]
14	1 [0,2]	1 [0,2]	3 [0,8]	29 [23,35]	59 [50,68]	1 [0,2]	120 [108,133]	26 [7,45]	4 [1,6]	1 [0,2]	1 [0,3]	231 [214,249]	101 [91,112]	109 [95,124]
15	6 [0,21]	7 [0,26]	446 [92,803]	20 [0,64]	35 [0,109]	3 [0,10]	51 [0,157]	1308 [812,1778]	5 [0,18]	5 [0,16]	6 [0,19]	77 [0,241]	20 [0,64]	50 [0,175]
16	14 [0,48]	15 [0,50]	4436 [2088,6450]	27 [0,93]	46 [0,145]	4 [0,14]	67 [0,208]	425 [0,1039]	9 [0,31]	10 [0,34]	12 [0,40]	107 [0,338]	24 [0,77]	58 [0,193]
17	14 [0,46]	13 [0,46]	552 [2,1476]	27 [0,88]	50 [0,155]	5 [0,16]	53 [0,166]	157 [0,464]	10 [0,32]	10 [0,32]	17 [0,56]	62 [0,206]	21 [0,71]	42 [0,136]
18	0 [0,1]	1 [0,3]	1 [0,4]	0 [0,1]	0 [0,1]	0 [0,1]	0 [0,1]	2 [0,4]	0 [0,1]	0 [0,1]	0 [0,1]	0 [0,1]	0 [0,1]	0 [0,1]
19	16 [0,56]	15 [0,53]	931 [0,2313]	38 [0,124]	74 [0,229]	6 [0,20]	145 [0,392]	265 [0,720]	11 [0,39]	15 [0,51]	17 [0,59]	136 [0,427]	31 [0,98]	67 [0,218]
20	0 [0,0]	0 [0,0]	1 [0,2]	17 [16,20]	4 [3,5]	0 [0,1]	10 [8,12]	1 [0,2]	0 [0,1]	1 [0,1]	24 [22,26]	416 [407,425]	6 [5,8]	118 [113,123]
21	1 [0,3]	2 [0,6]	28 [17,39]	64 [54,74]	58 [48,67]	0 [0,1]	116 [103,129]	10 [5,17]	1 [0,2]	2 [1,4]	53 [45,62]	144 [129,159]	97 [85,110]	44 [34,56]
22	2 [1,3]	2 [0,4]	146 [140,152]	75 [71,79]	56 [52,59]	1 [0,1]	196 [189,202]	1 [0,2]	5 [4,7]	1 [1,2]	5 [4,6]	252 [244,259]	169 [164,176]	107 [102,113]
X	0 [0,1]	0 [0,1]	10 [5,14]	1 [0,2]	1 [0,2]	1 [0,2]	6 [3,9]	2 [0,3]	1 [0,3]	0 [0,0]	0 [0,1]	2 [0,4]	4 [1,6]	0 [0,2]
Y	1 [0,2]	4 [0,10]	31 [21,42]	4 [1,8]	68 [56,80]	372 [343,399]	187 [168,210]	7 [2,12]	8235 [8110,8354]	1 [0,3]	1 [0,3]	22 [15,30]	3 [0,6]	42 [30,54]