

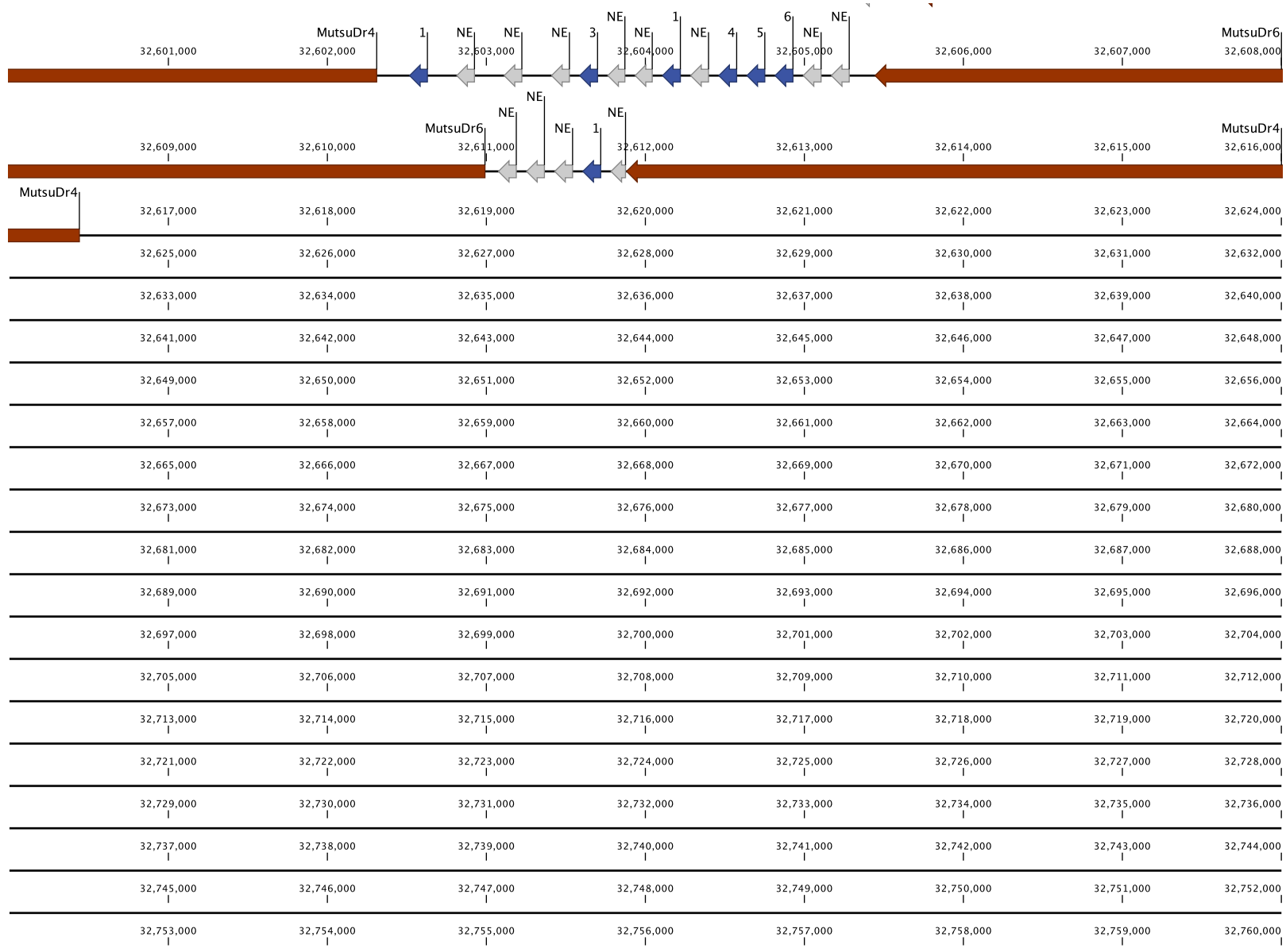
Supplemental Figure S8

32,425,000	32,426,000	32,427,000	32,428,000	32,429,000	32,430,000	32,431,000	32,432,000
32,433,000	32,434,000	32,435,000	32,436,000	32,437,000	32,438,000	32,439,000	32,440,000
32,441,000	32,442,000	32,443,000	32,444,000	32,445,000	32,446,000	32,447,000	32,448,000
32,449,000	32,450,000	32,451,000	32,452,000	32,453,000	32,454,000	32,455,000	32,456,000
32,457,000	32,458,000	32,459,000	32,460,000	32,461,000	32,462,000	32,463,000	32,464,000
32,465,000	32,466,000	32,467,000	32,468,000	32,469,000	32,470,000	32,471,000	32,472,000
32,473,000	32,474,000	32,475,000	32,476,000	32,477,000	32,478,000	32,479,000	32,480,000
32,481,000	32,482,000	32,483,000	32,484,000	32,485,000	32,486,000	32,487,000	32,488,000
32,489,000	32,490,000	32,491,000	32,492,000	32,493,000	32,494,000	32,495,000	32,496,000
32,497,000	32,498,000	32,499,000	32,500,000	32,501,000	32,502,000	32,503,000	32,504,000
32,505,000	32,506,000	32,507,000	32,508,000	32,509,000	32,510,000	32,511,000	32,512,000
32,513,000	32,514,000	32,515,000	32,516,000	32,517,000	32,518,000	32,519,000	32,520,000
32,521,000	32,522,000	32,523,000	32,524,000	32,525,000	32,526,000	32,527,000	32,528,000
32,529,000	32,530,000	32,531,000	32,532,000	32,533,000	32,534,000	32,535,000	32,536,000
32,537,000	32,538,000	32,539,000	32,540,000	32,541,000	32,542,000	32,543,000	32,544,000
32,545,000	32,546,000	32,547,000	32,548,000	32,549,000	32,550,000	32,551,000	32,552,000
32,553,000	32,554,000	32,555,000	32,556,000	32,557,000	32,558,000	32,559,000	32,560,000
32,561,000	32,562,000	32,563,000	32,564,000	32,565,000	32,566,000	32,567,000	32,568,000
32,569,000	32,570,000	32,571,000	32,572,000	32,573,000	32,574,000	32,575,000	32,576,000
32,577,000	32,578,000	32,579,000	32,580,000	32,581,000	32,582,000	32,583,000	32,584,000
32,585,000	32,586,000	32,587,000	32,588,000	32,589,000	32,590,000	32,591,000	32,592,000
32,593,000	32,594,000	32,595,000	32,596,000	32,597,000	32,598,000	32,599,000	32,600,000

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MutsuDr4

Supplemental Figure S8

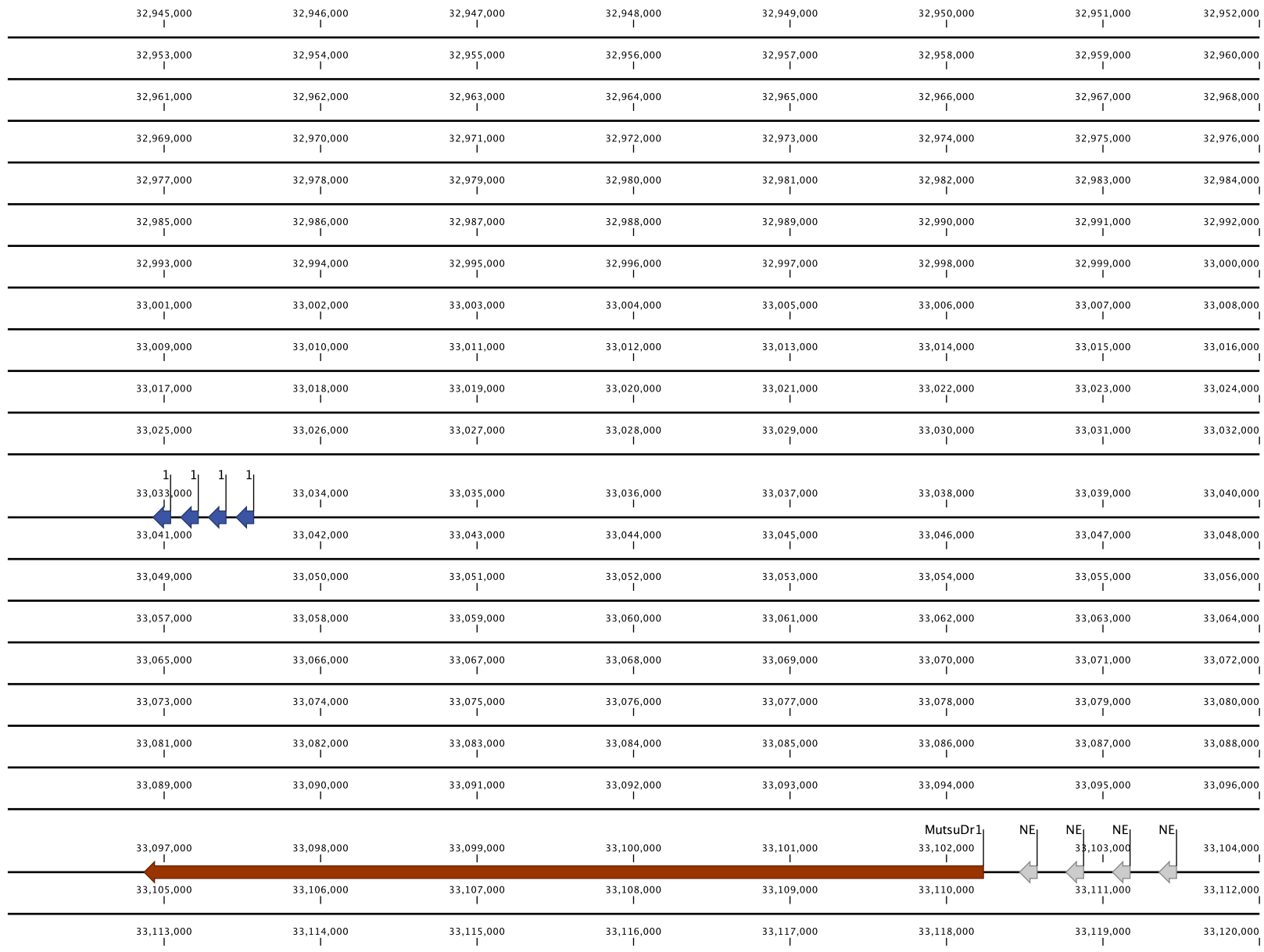


Supplemental Figure S8

32,761,000	32,762,000	32,763,000	32,764,000	32,765,000	32,766,000	32,767,000	32,768,000
32,769,000	32,770,000	32,771,000	32,772,000	32,773,000	32,774,000	32,775,000	32,776,000
32,777,000	32,778,000	32,779,000	32,780,000	32,781,000	32,782,000	32,783,000	32,784,000
32,785,000	32,786,000	32,787,000	32,788,000	32,789,000	32,790,000	32,791,000	32,792,000
32,793,000	32,794,000	32,795,000	32,796,000	32,797,000	32,798,000	32,799,000	32,800,000
32,801,000	32,802,000	32,803,000	32,804,000	32,805,000	32,806,000	32,807,000	32,808,000
32,809,000	32,810,000	32,811,000	32,812,000	32,813,000	32,814,000	32,815,000	32,816,000
32,817,000	32,818,000	32,819,000	32,820,000	32,821,000	32,822,000	32,823,000	32,824,000
32,825,000	32,826,000	32,827,000	32,828,000	32,829,000	32,830,000	32,831,000	32,832,000
32,833,000	32,834,000	32,835,000	32,836,000	32,837,000	32,838,000	32,839,000	32,840,000
32,841,000	32,842,000	32,843,000	32,844,000	32,845,000	32,846,000	32,847,000	32,848,000
32,849,000	32,850,000	32,851,000	32,852,000	32,853,000	32,854,000	32,855,000	32,856,000
32,857,000	32,858,000	32,859,000	32,860,000	32,861,000	32,862,000	32,863,000	32,864,000
32,865,000	32,866,000	32,867,000	32,868,000	32,869,000	32,870,000	32,871,000	32,872,000
32,873,000	32,874,000	32,875,000	32,876,000	32,877,000	32,878,000	32,879,000	32,880,000
32,881,000	32,882,000	32,883,000	32,884,000	32,885,000	32,886,000	32,887,000	32,888,000
32,889,000	32,890,000	32,891,000	32,892,000	32,893,000	32,894,000	32,895,000	32,896,000
32,897,000	32,898,000	32,899,000	32,900,000	32,901,000	32,902,000	32,903,000	32,904,000
32,905,000	32,906,000	32,907,000	32,908,000	32,909,000	32,910,000	32,911,000	32,912,000
32,913,000	32,914,000	32,915,000	32,916,000	32,917,000	32,918,000	32,919,000	32,920,000
32,921,000	32,922,000	32,923,000	32,924,000	32,925,000	32,926,000	32,927,000	32,928,000
32,929,000	32,930,000	32,931,000	32,932,000	32,933,000	32,934,000	32,935,000	32,936,000
32,937,000	32,938,000	32,939,000	32,940,000	32,941,000	32,942,000	32,943,000	32,944,000

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Supplemental Figure S8



Supplemental Figure S8

33,121,000	33,122,000	33,123,000	33,124,000	33,125,000	33,126,000	33,127,000	33,128,000
33,129,000	33,130,000	33,131,000	33,132,000	33,133,000	33,134,000	33,135,000	33,136,000
33,137,000	33,138,000	33,139,000	33,140,000	33,141,000	33,142,000	33,143,000	33,144,000
33,145,000	33,146,000	33,147,000	33,148,000	33,149,000	33,150,000	33,151,000	33,152,000
33,153,000	33,154,000	33,155,000	33,156,000	33,157,000	33,158,000	33,159,000	33,160,000
33,161,000	33,162,000	33,163,000	33,164,000	33,165,000	33,166,000	33,167,000	33,168,000
33,169,000	33,170,000	33,171,000	33,172,000	33,173,000	33,174,000	33,175,000	33,176,000
33,177,000	33,178,000	33,179,000	33,180,000	33,181,000	33,182,000	33,183,000	33,184,000
33,185,000	33,186,000	33,187,000	33,188,000	33,189,000	33,190,000	33,191,000	33,192,000
33,193,000	33,194,000	33,195,000	33,196,000	33,197,000	33,198,000	33,199,000	33,200,000
33,201,000	33,202,000	33,203,000	33,204,000	33,205,000	33,206,000	33,207,000	33,208,000
33,209,000	33,210,000	33,211,000	33,212,000	33,213,000	33,214,000	33,215,000	33,216,000
33,217,000	33,218,000	33,219,000	33,220,000	33,221,000	33,222,000	33,223,000	33,224,000
33,225,000	33,226,000	33,227,000	33,228,000	33,229,000	33,230,000	33,231,000	33,232,000
33,233,000	33,234,000	33,235,000	33,236,000	33,237,000	33,238,000	33,239,000	33,240,000
33,241,000	33,242,000	33,243,000	33,244,000	33,245,000	33,246,000	33,247,000	33,248,000
33,249,000	33,250,000	33,251,000	33,252,000	33,253,000	33,254,000	33,255,000	33,256,000
33,257,000	33,258,000	33,259,000	33,260,000	33,261,000	33,262,000	33,263,000	33,264,000
33,265,000	33,266,000	33,267,000	33,268,000	33,269,000	33,270,000	33,271,000	33,272,000
33,273,000	33,274,000	33,275,000	33,276,000	33,277,000	33,278,000	33,279,000	33,280,000
33,281,000	33,282,000	33,283,000	33,284,000	33,285,000	33,286,000	33,287,000	33,288,000
33,289,000	33,290,000	33,291,000	33,292,000	33,293,000	33,294,000	33,295,000	33,296,000
33,297,000	33,298,000	33,299,000	33,300,000	33,301,000	33,302,000	33,303,000	33,304,000

Supplemental Figure S8

33,305,000	33,306,000	33,307,000	33,308,000	33,309,000	33,310,000	33,311,000	33,312,000
33,313,000	33,314,000	33,315,000	33,316,000	33,317,000	33,318,000	33,319,000	33,320,000
33,321,000	33,322,000	33,323,000	33,324,000	33,325,000	33,326,000	33,327,000	33,328,000
33,329,000	33,330,000	33,331,000	33,332,000	33,333,000	33,334,000	33,335,000	33,336,000
33,337,000	33,338,000	33,339,000	33,340,000	33,341,000	33,342,000	33,343,000	33,344,000
33,345,000	33,346,000	33,347,000	33,348,000	33,349,000	33,350,000	33,351,000	33,352,000
33,353,000	33,354,000	33,355,000	33,356,000	33,357,000	33,358,000	33,359,000	33,360,000
33,361,000	33,362,000	33,363,000	33,364,000	33,365,000	33,366,000	33,367,000	33,368,000
33,369,000	33,370,000	33,371,000	33,372,000	33,373,000	33,374,000	33,375,000	33,376,000
33,377,000	33,378,000	33,379,000	33,380,000	33,381,000	33,382,000	33,383,000	33,384,000
33,385,000	33,386,000	33,387,000	33,388,000	33,389,000	33,390,000	33,391,000	33,392,000
33,393,000	33,394,000	33,395,000	33,396,000	33,397,000	33,398,000	33,399,000	33,400,000
33,401,000	33,402,000	33,403,000	33,404,000	33,405,000	33,406,000	33,407,000	33,408,000
33,409,000	33,410,000	33,411,000	33,412,000	33,413,000	33,414,000	33,415,000	33,416,000
33,417,000	33,418,000	33,419,000	33,420,000	33,421,000	33,422,000	33,423,000	33,424,000
33,425,000	33,426,000	33,427,000	33,428,000	33,429,000	33,430,000	33,431,000	33,432,000
33,433,000	33,434,000	33,435,000	33,436,000	33,437,000	33,438,000	33,439,000	33,440,000
33,441,000	33,442,000	33,443,000	33,444,000	33,445,000	33,446,000	33,447,000	33,448,000
33,449,000	33,450,000	33,451,000	33,452,000	33,453,000	33,454,000	33,455,000	33,456,000
33,457,000	33,458,000	33,459,000	33,460,000	33,461,000	33,462,000	33,463,000	33,464,000
33,465,000	33,466,000	33,467,000	33,468,000	33,469,000	33,470,000	33,471,000	33,472,000
33,473,000	33,474,000	33,475,000	33,476,000	33,477,000	33,478,000	33,479,000	33,480,000
33,481,000	33,482,000	33,483,000	33,484,000	33,485,000	33,486,000	33,487,000	33,488,000

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Supplemental Figure S8

33,489,000	33,490,000	33,491,000	33,492,000	33,493,000	33,494,000	33,495,000	33,496,000
33,497,000	33,498,000	33,499,000	33,500,000	33,501,000	33,502,000	33,503,000	33,504,000
33,505,000	33,506,000	33,507,000	33,508,000	33,509,000	33,510,000	33,511,000	33,512,000
33,513,000	33,514,000	33,515,000	33,516,000	33,517,000	33,518,000	33,519,000	33,520,000
33,521,000	33,522,000	33,523,000	33,524,000	33,525,000	33,526,000	33,527,000	33,528,000
33,529,000	33,530,000	33,531,000	33,532,000	33,533,000	33,534,000	33,535,000	33,536,000
33,537,000	33,538,000	33,539,000	33,540,000	33,541,000	33,542,000	33,543,000	33,544,000
33,545,000	33,546,000	33,547,000	33,548,000	33,549,000	33,550,000	33,551,000	33,552,000
33,553,000	33,554,000	33,555,000	33,556,000	33,557,000	33,558,000	33,559,000	33,560,000
33,561,000	33,562,000	33,563,000	33,564,000	33,565,000	33,566,000	33,567,000	33,568,000
33,569,000	33,570,000	33,571,000	33,572,000	33,573,000	33,574,000	33,575,000	33,576,000
33,577,000	33,578,000	33,579,000	33,580,000	33,581,000	33,582,000	33,583,000	33,584,000
33,585,000	33,586,000	33,587,000	33,588,000	33,589,000	33,590,000	33,591,000	33,592,000
33,593,000	33,594,000	33,595,000	33,596,000	33,597,000	33,598,000	33,599,000	33,600,000
33,601,000	33,602,000	33,603,000	33,604,000	33,605,000	33,606,000	33,607,000	33,608,000
33,609,000	33,610,000	33,611,000	33,612,000	33,613,000	33,614,000	33,615,000	33,616,000
33,617,000	33,618,000	33,619,000	33,620,000	33,621,000	33,622,000	33,623,000	33,624,000
33,625,000	33,626,000	33,627,000	33,628,000	33,629,000	33,630,000	33,631,000	33,632,000
33,633,000	33,634,000	33,635,000	33,636,000	33,637,000	33,638,000	33,639,000	33,640,000
33,641,000	33,642,000	33,643,000	33,644,000	33,645,000	33,646,000	33,647,000	33,648,000
33,649,000	33,650,000	33,651,000	33,652,000	33,653,000	33,654,000	33,655,000	33,656,000
33,657,000	33,658,000	33,659,000	33,660,000	33,661,000	33,662,000	33,663,000	33,664,000
33,665,000	33,666,000	33,667,000	33,668,000	33,669,000	33,670,000	33,671,000	33,672,000

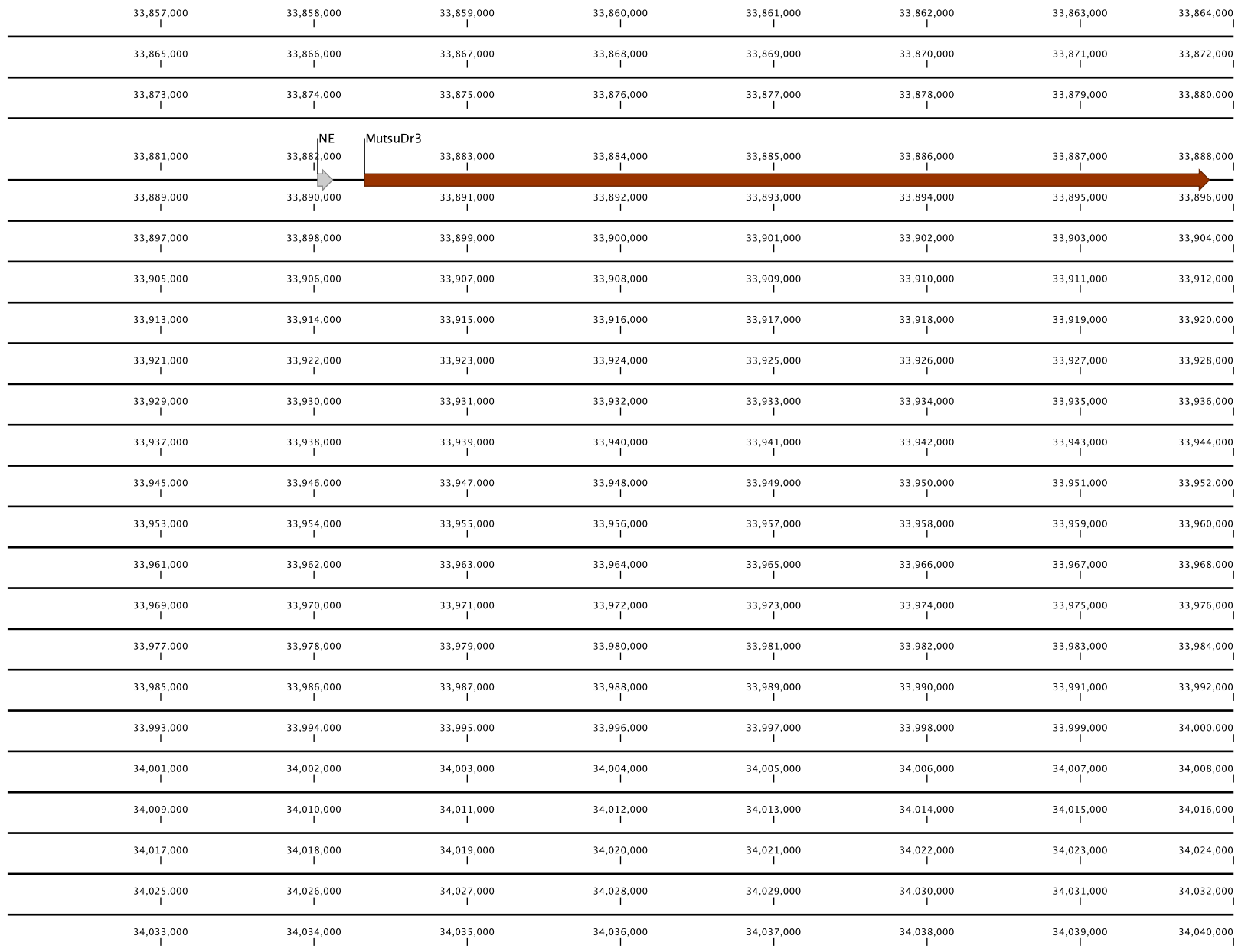
NE



Supplemental Figure S8

33,673,000	33,674,000	33,675,000	33,676,000	33,677,000	33,678,000	33,679,000	33,680,000
33,681,000	33,682,000	33,683,000	33,684,000	33,685,000	33,686,000	33,687,000	33,688,000
33,689,000	33,690,000	33,691,000	33,692,000	33,693,000	33,694,000	33,695,000	33,696,000
33,697,000	33,698,000	33,699,000	33,700,000	33,701,000	33,702,000	33,703,000	33,704,000
33,705,000	33,706,000	33,707,000	33,708,000	33,709,000	33,710,000	33,711,000	33,712,000
33,713,000	33,714,000	33,715,000	33,716,000	33,717,000	33,718,000	33,719,000	33,720,000
33,721,000	33,722,000	33,723,000	33,724,000	33,725,000	33,726,000	33,727,000	33,728,000
33,729,000	33,730,000	33,731,000	33,732,000	33,733,000	33,734,000	33,735,000	33,736,000
33,737,000	33,738,000	33,739,000	33,740,000	33,741,000	33,742,000	33,743,000	33,744,000
33,745,000	33,746,000	33,747,000	33,748,000	33,749,000	33,750,000	33,751,000	33,752,000
33,753,000	33,754,000	33,755,000	33,756,000	33,757,000	33,758,000	33,759,000	33,760,000
33,761,000	33,762,000	33,763,000	33,764,000	33,765,000	33,766,000	33,767,000	33,768,000
33,769,000	33,770,000	33,771,000	33,772,000	33,773,000	33,774,000	33,775,000	33,776,000
33,777,000	33,778,000	33,779,000	33,780,000	33,781,000	33,782,000	33,783,000	33,784,000
33,785,000	33,786,000	33,787,000	33,788,000	33,789,000	33,790,000	33,791,000	33,792,000
33,793,000	33,794,000	33,795,000	33,796,000	33,797,000	33,798,000	33,799,000	33,800,000
33,801,000	33,802,000	33,803,000	33,804,000	33,805,000	33,806,000	33,807,000	33,808,000
33,809,000	33,810,000	33,811,000	33,812,000	33,813,000	33,814,000	33,815,000	33,816,000
33,817,000	33,818,000	33,819,000	33,820,000	33,821,000	33,822,000	33,823,000	33,824,000
33,825,000	33,826,000	33,827,000	33,828,000	33,829,000	33,830,000	33,831,000	33,832,000
33,833,000	33,834,000	33,835,000	33,836,000	33,837,000	33,838,000	33,839,000	33,840,000
33,841,000	33,842,000	33,843,000	33,844,000	33,845,000	33,846,000	33,847,000	33,848,000
33,849,000	33,850,000	33,851,000	33,852,000	33,853,000	33,854,000	33,855,000	33,856,000

Supplemental Figure S8



Supplemental Figure S8

34,041,000	34,042,000	34,043,000	34,044,000	34,045,000	34,046,000	34,047,000	34,048,000
34,049,000	34,050,000	34,051,000	34,052,000	34,053,000	34,054,000	34,055,000	34,056,000
34,057,000	34,058,000	34,059,000	34,060,000	34,061,000	34,062,000	34,063,000	34,064,000
34,065,000	34,066,000	34,067,000	34,068,000	34,069,000	34,070,000	34,071,000	34,072,000
34,073,000	34,074,000	34,075,000	34,076,000	34,077,000	34,078,000	34,079,000	34,080,000
34,081,000	34,082,000	34,083,000	34,084,000	34,085,000	34,086,000	34,087,000	34,088,000
34,089,000	34,090,000	34,091,000	34,092,000	34,093,000	34,094,000	34,095,000	34,096,000
34,097,000	34,098,000	34,099,000	34,100,000	34,101,000	34,102,000	34,103,000	34,104,000
34,105,000	34,106,000	34,107,000	34,108,000	34,109,000	34,110,000	34,111,000	34,112,000
34,113,000	34,114,000	34,115,000	34,116,000	34,117,000	34,118,000	34,119,000	34,120,000
34,121,000	34,122,000	34,123,000	34,124,000	34,125,000	34,126,000	34,127,000	34,128,000
34,129,000	34,130,000	34,131,000	34,132,000	34,133,000	34,134,000	34,135,000	34,136,000
34,137,000	34,138,000	34,139,000	34,140,000	34,141,000	34,142,000	34,143,000	34,144,000
34,145,000	34,146,000	34,147,000	34,148,000	34,149,000	34,150,000	34,151,000	34,152,000
34,153,000	34,154,000	34,155,000	34,156,000	34,157,000	34,158,000	34,159,000	34,160,000
34,161,000	34,162,000	34,163,000	34,164,000	34,165,000	34,166,000	34,167,000	34,168,000
34,169,000	34,170,000	34,171,000	34,172,000	34,173,000	34,174,000	34,175,000	34,176,000
34,177,000	34,178,000	34,179,000	34,180,000	34,181,000	34,182,000	34,183,000	34,184,000
34,185,000	34,186,000	34,187,000	34,188,000	34,189,000	34,190,000	34,191,000	34,192,000
34,193,000	34,194,000	34,195,000	34,196,000	34,197,000	34,198,000	34,199,000	34,200,000
34,201,000	34,202,000	34,203,000	34,204,000	34,205,000	34,206,000	34,207,000	34,208,000
34,209,000	34,210,000	34,211,000	34,212,000	34,213,000	34,214,000	34,215,000	34,216,000
34,217,000	34,218,000	34,219,000	34,220,000	34,221,000	34,222,000	34,223,000	34,224,000

Supplemental Figure S8

34,225,000	34,226,000	34,227,000	34,228,000	34,229,000	34,230,000	34,231,000	34,232,000
34,233,000	34,234,000	34,235,000	34,236,000	34,237,000	34,238,000	34,239,000	34,240,000
34,241,000	34,242,000	34,243,000	34,244,000	34,245,000	34,246,000	34,247,000	34,248,000
34,249,000	34,250,000	34,251,000	34,252,000	34,253,000	34,254,000	34,255,000	34,256,000
34,257,000	34,258,000	34,259,000	34,260,000	34,261,000	34,262,000	34,263,000	34,264,000
34,265,000	34,266,000	34,267,000	34,268,000	34,269,000	34,270,000	34,271,000	34,272,000
34,273,000	34,274,000	34,275,000	34,276,000	34,277,000	34,278,000	34,279,000	34,280,000
34,281,000	34,282,000	34,283,000	34,284,000	34,285,000	34,286,000	34,287,000	34,288,000
34,289,000	34,290,000	34,291,000	34,292,000	34,293,000	34,294,000	34,295,000	34,296,000
34,297,000	34,298,000	34,299,000	34,300,000	34,301,000	34,302,000	34,303,000	34,304,000
34,305,000	34,306,000	34,307,000	34,308,000	34,309,000	34,310,000	34,311,000	34,312,000
34,313,000	34,314,000	34,315,000	34,316,000	34,317,000	34,318,000	34,319,000	34,320,000
34,321,000	34,322,000	34,323,000	34,324,000	34,325,000	34,326,000	34,327,000	34,328,000
34,329,000	34,330,000	34,331,000	34,332,000	34,333,000	34,334,000	34,335,000	34,336,000
34,337,000	34,338,000	34,339,000	34,340,000	34,341,000	34,342,000	34,343,000	34,344,000
34,345,000	34,346,000	34,347,000	34,348,000	34,349,000	34,350,000	34,351,000	34,352,000
34,353,000	34,354,000	34,355,000	34,356,000	34,357,000	34,358,000	34,359,000	34,360,000
34,361,000	34,362,000	34,363,000	34,364,000	34,365,000	34,366,000	34,367,000	34,368,000
34,369,000	34,370,000	34,371,000	34,372,000	34,373,000	34,374,000	34,375,000	34,376,000
34,377,000	34,378,000	34,379,000	34,380,000	34,381,000	34,382,000	34,383,000	34,384,000
34,385,000	34,386,000	34,387,000	34,388,000	34,389,000	34,390,000	34,391,000	34,392,000
34,393,000	34,394,000	34,395,000	34,396,000	34,397,000	34,398,000	34,399,000	34,400,000
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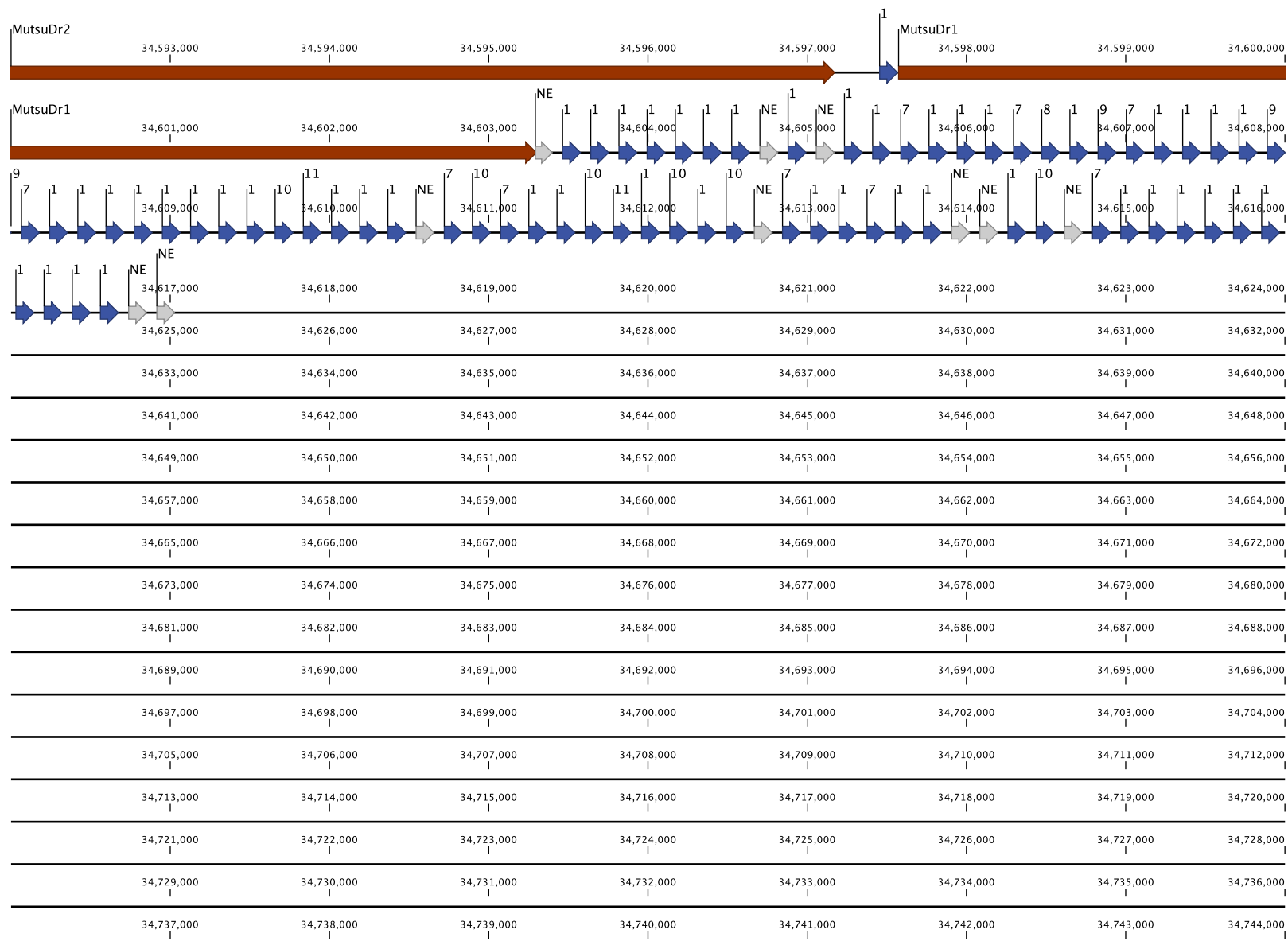
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Supplemental Figure S8

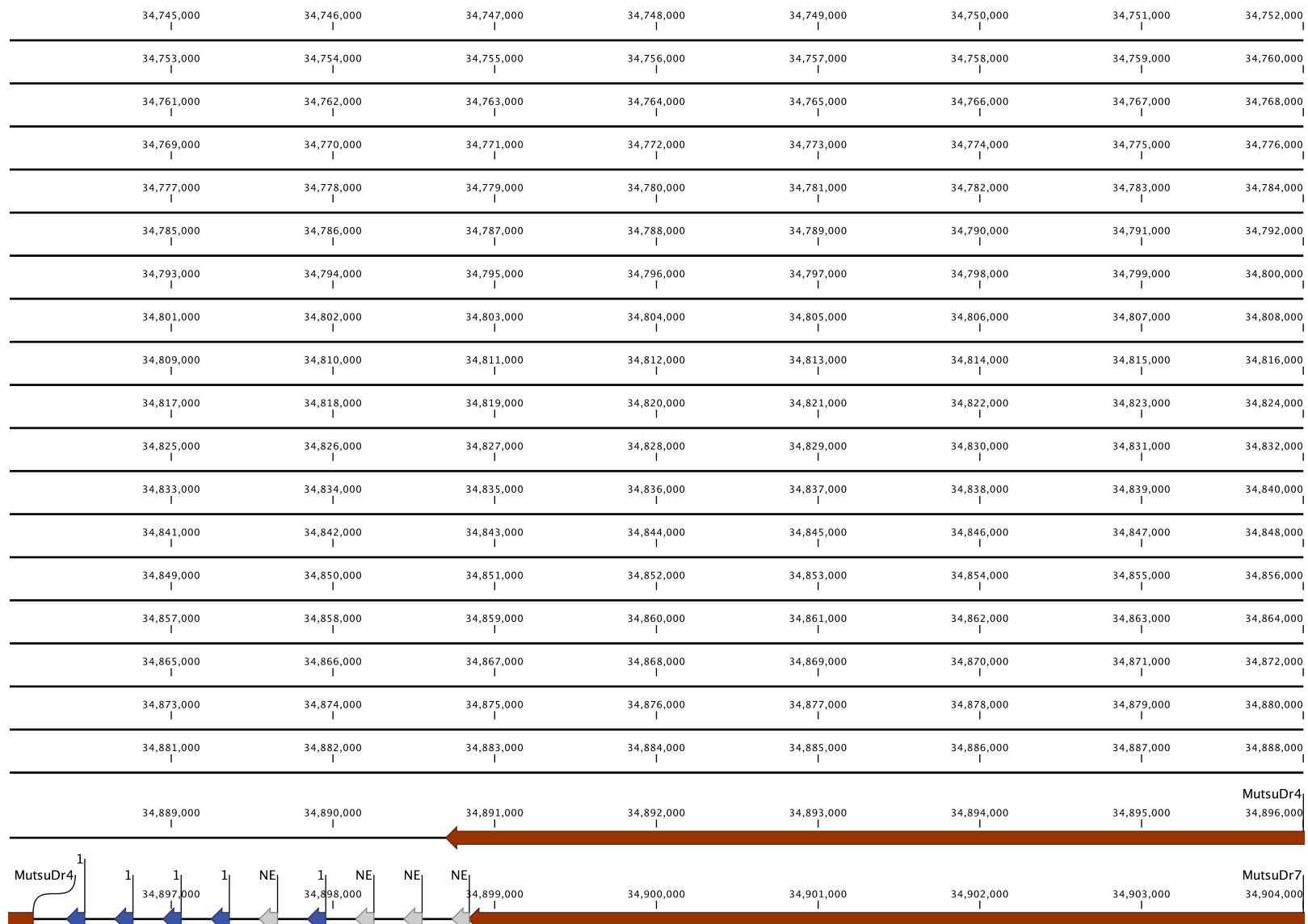
34,409,000	34,410,000	34,411,000	34,412,000	34,413,000	34,414,000	34,415,000	34,416,000
34,417,000	34,418,000	34,419,000	34,420,000	34,421,000	34,422,000	34,423,000	34,424,000
34,425,000	34,426,000	34,427,000	34,428,000	34,429,000	34,430,000	34,431,000	34,432,000
34,433,000	34,434,000	34,435,000	34,436,000	34,437,000	34,438,000	34,439,000	34,440,000
34,441,000	34,442,000	34,443,000	34,444,000	34,445,000	34,446,000	34,447,000	34,448,000
34,449,000	34,450,000	34,451,000	34,452,000	34,453,000	34,454,000	34,455,000	34,456,000
34,457,000	34,458,000	34,459,000	34,460,000	34,461,000	34,462,000	34,463,000	34,464,000
34,465,000	34,466,000	34,467,000	34,468,000	34,469,000	34,470,000	34,471,000	34,472,000
34,473,000	34,474,000	34,475,000	34,476,000	34,477,000	34,478,000	34,479,000	34,480,000
34,481,000	34,482,000	34,483,000	34,484,000	34,485,000	34,486,000	34,487,000	34,488,000
34,489,000	34,490,000	34,491,000	34,492,000	34,493,000	34,494,000	34,495,000	34,496,000
34,497,000	34,498,000	34,499,000	34,500,000	34,501,000	34,502,000	34,503,000	34,504,000
34,505,000	34,506,000	34,507,000	34,508,000	34,509,000	34,510,000	34,511,000	34,512,000
34,513,000	34,514,000	34,515,000	34,516,000	34,517,000	34,518,000	34,519,000	34,520,000
34,521,000	34,522,000	34,523,000	34,524,000	34,525,000	34,526,000	34,527,000	34,528,000
34,529,000	34,530,000	34,531,000	34,532,000	34,533,000	34,534,000	34,535,000	34,536,000
34,537,000	34,538,000	34,539,000	34,540,000	34,541,000	34,542,000	34,543,000	34,544,000
34,545,000	34,546,000	34,547,000	34,548,000	34,549,000	34,550,000	34,551,000	34,552,000
34,553,000	34,554,000	34,555,000	34,556,000	34,557,000	34,558,000	34,559,000	34,560,000
34,561,000	34,562,000	34,563,000	34,564,000	34,565,000	34,566,000	34,567,000	34,568,000
34,569,000	34,570,000	34,571,000	34,572,000	34,573,000	34,574,000	34,575,000	34,576,000
34,577,000	34,578,000	34,579,000	34,580,000	34,581,000	34,582,000	34,583,000	34,584,000
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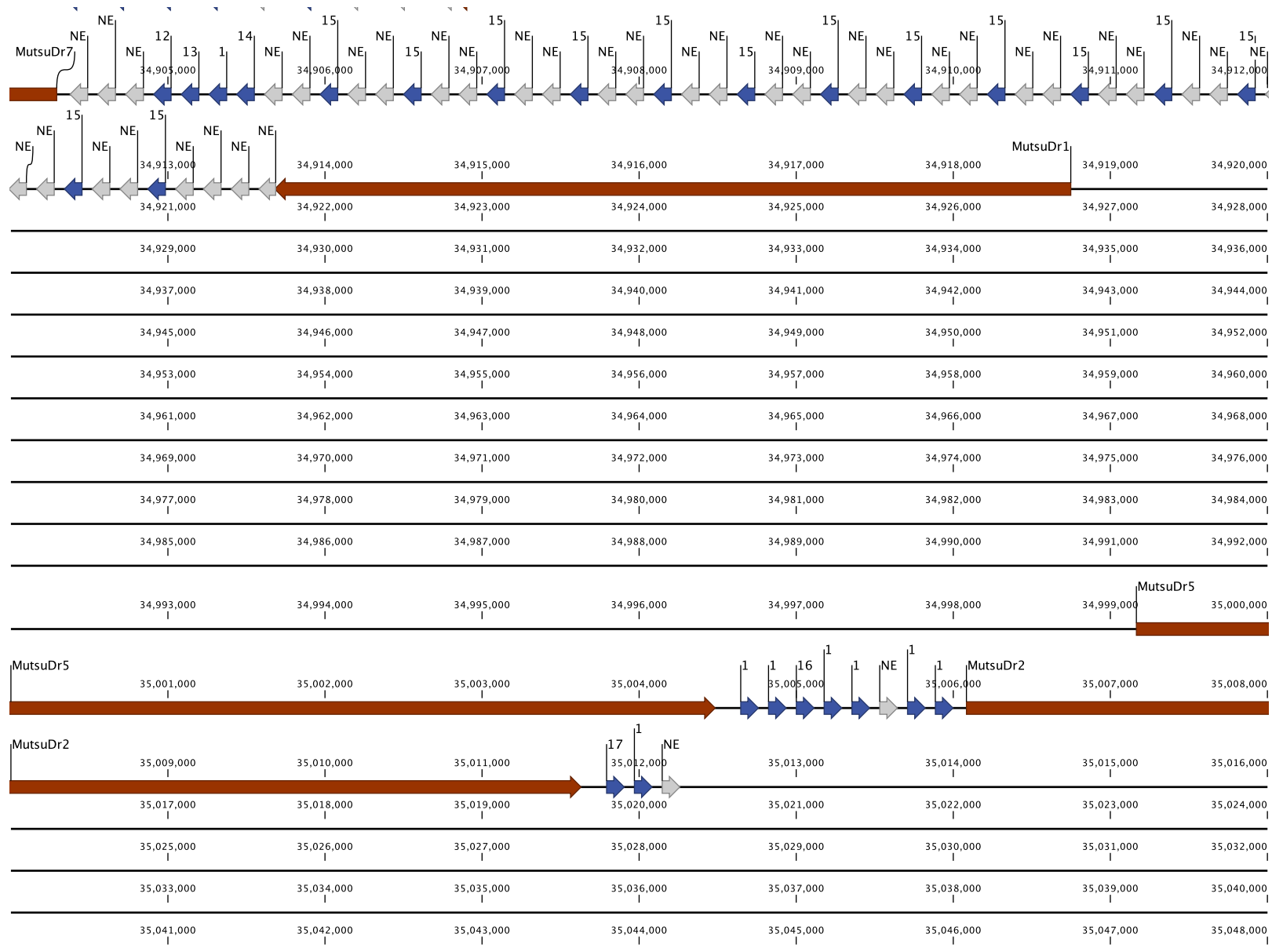
Supplemental Figure S8



Supplemental Figure S8



Supplemental Figure S8



Supplemental Figure S8

35,049,000	35,050,000	35,051,000	35,052,000	35,053,000	35,054,000	35,055,000	35,056,000
35,057,000	35,058,000	35,059,000	35,060,000	35,061,000	35,062,000	35,063,000	35,064,000
35,065,000	35,066,000	35,067,000	35,068,000	35,069,000	35,070,000	35,071,000	35,072,000
35,073,000	35,074,000	35,075,000	35,076,000	35,077,000	35,078,000	35,079,000	35,080,000
35,081,000	35,082,000	35,083,000	35,084,000	35,085,000	35,086,000	35,087,000	35,088,000
35,089,000	35,090,000	35,091,000	35,092,000	35,093,000	35,094,000	35,095,000	35,096,000
35,097,000	35,098,000	35,099,000	35,100,000	35,101,000	35,102,000	35,103,000	35,104,000
35,105,000	35,106,000	35,107,000	35,108,000	35,109,000	35,110,000	35,111,000	35,112,000
35,113,000	35,114,000	35,115,000	35,116,000	35,117,000	35,118,000	35,119,000	35,120,000
35,121,000	35,122,000	35,123,000	35,124,000	35,125,000	35,126,000	35,127,000	35,128,000
35,129,000	35,130,000	35,131,000	35,132,000	35,133,000	35,134,000	35,135,000	35,136,000
35,137,000	35,138,000	35,139,000	35,140,000	35,141,000	35,142,000	35,143,000	35,144,000
35,145,000	35,146,000	35,147,000	35,148,000	35,149,000	35,150,000	35,151,000	35,152,000
35,153,000	35,154,000	35,155,000	35,156,000	35,157,000	35,158,000	35,159,000	35,160,000
35,161,000	35,162,000	35,163,000	35,164,000	35,165,000	35,166,000	35,167,000	35,168,000
35,169,000	35,170,000	35,171,000	35,172,000	35,173,000	35,174,000	35,175,000	35,176,000
35,177,000	35,178,000	35,179,000	35,180,000	35,181,000	35,182,000	35,183,000	35,184,000
35,185,000	35,186,000	35,187,000	35,188,000	35,189,000	35,190,000	35,191,000	35,192,000
35,193,000	35,194,000	35,195,000	35,196,000	35,197,000	35,198,000	35,199,000	35,200,000
35,201,000	35,202,000	35,203,000	35,204,000	35,205,000	35,206,000	35,207,000	35,208,000
35,209,000	35,210,000	35,211,000	35,212,000	35,213,000	35,214,000	35,215,000	35,216,000
35,217,000	35,218,000	35,219,000	35,220,000	35,221,000	35,222,000	35,223,000	35,224,000

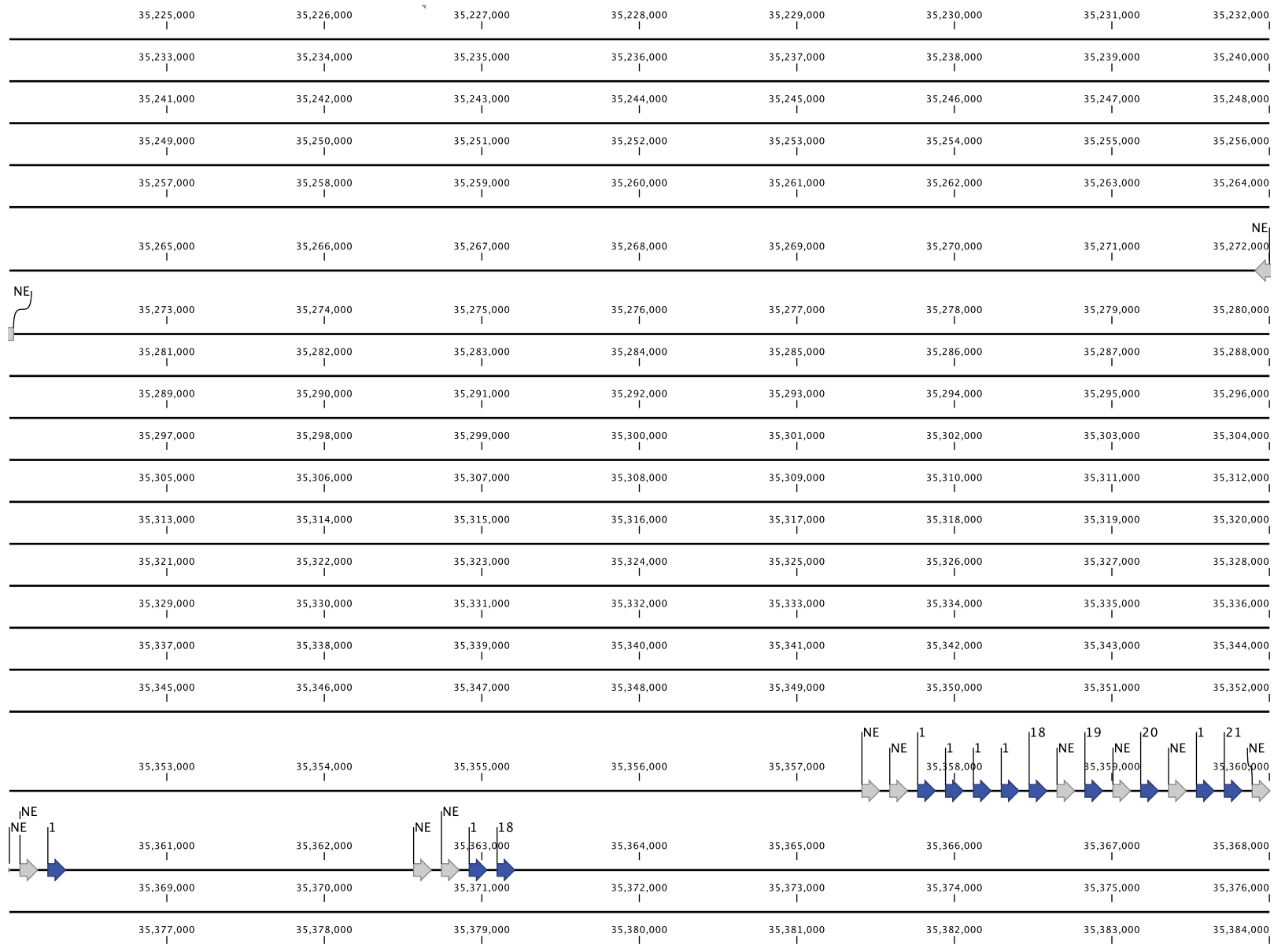
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Supplemental Figure S8



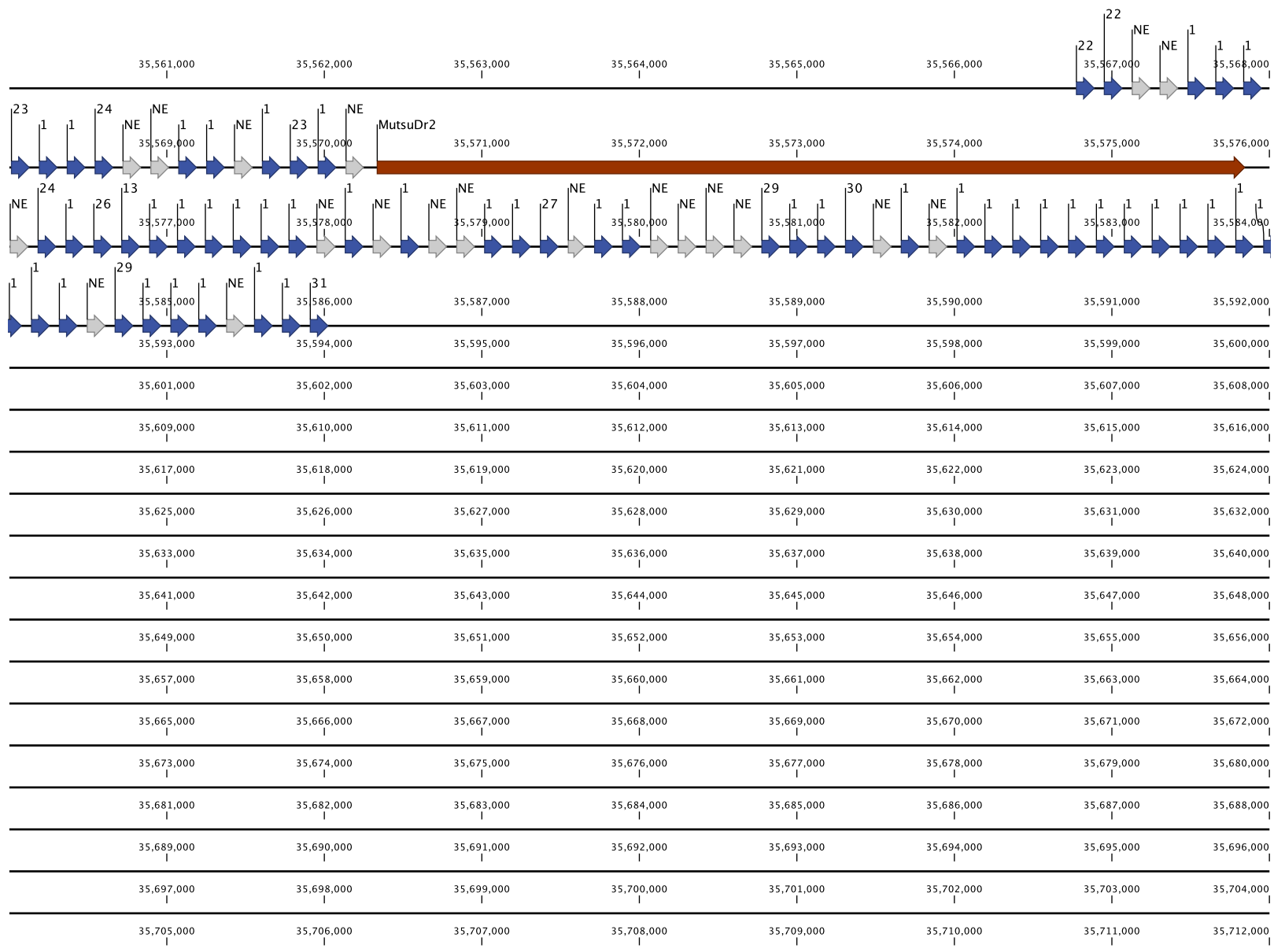
Supplemental Figure S8

35,385,000	35,386,000	35,387,000	35,388,000	35,389,000	35,390,000	35,391,000	35,392,000
35,393,000	35,394,000	35,395,000	35,396,000	35,397,000	35,398,000	35,399,000	35,400,000
35,401,000	35,402,000	35,403,000	35,404,000	35,405,000	35,406,000	35,407,000	35,408,000
35,409,000	35,410,000	35,411,000	35,412,000	35,413,000	35,414,000	35,415,000	35,416,000
35,417,000	35,418,000	35,419,000	35,420,000	35,421,000	35,422,000	35,423,000	35,424,000
35,425,000	35,426,000	35,427,000	35,428,000	35,429,000	35,430,000	35,431,000	35,432,000
35,433,000	35,434,000	35,435,000	35,436,000	35,437,000	35,438,000	35,439,000	35,440,000
35,441,000	35,442,000	35,443,000	35,444,000	35,445,000	35,446,000	35,447,000	35,448,000
35,449,000	35,450,000	35,451,000	35,452,000	35,453,000	35,454,000	35,455,000	35,456,000
35,457,000	35,458,000	35,459,000	35,460,000	35,461,000	35,462,000	35,463,000	35,464,000
35,465,000	35,466,000	35,467,000	35,468,000	35,469,000	35,470,000	35,471,000	35,472,000
35,473,000	35,474,000	35,475,000	35,476,000	35,477,000	35,478,000	35,479,000	35,480,000
35,481,000	35,482,000	35,483,000	35,484,000	35,485,000	35,486,000	35,487,000	35,488,000
35,489,000	35,490,000	35,491,000	35,492,000	35,493,000	35,494,000	35,495,000	35,496,000
35,497,000	35,498,000	35,499,000	35,500,000	35,501,000	35,502,000	35,503,000	35,504,000
35,505,000	35,506,000	35,507,000	35,508,000	35,509,000	35,510,000	35,511,000	35,512,000
35,513,000	35,514,000	35,515,000	35,516,000	35,517,000	35,518,000	35,519,000	35,520,000
35,521,000	35,522,000	35,523,000	35,524,000	35,525,000	35,526,000	35,527,000	35,528,000
35,529,000	35,530,000	35,531,000	35,532,000	35,533,000	35,534,000	35,535,000	35,536,000
35,537,000	35,538,000	35,539,000	35,540,000	35,541,000	35,542,000	35,543,000	35,544,000
35,545,000	35,546,000	35,547,000	35,548,000	35,549,000	35,550,000	35,551,000	35,552,000
35,553,000	35,554,000	35,555,000	35,556,000	35,557,000	35,558,000	35,559,000	35,560,000

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Supplemental Figure S8



Supplemental Figure S8

35,713,000	35,714,000	35,715,000	35,716,000	35,717,000	35,718,000	35,719,000	35,720,000
35,721,000	35,722,000	35,723,000	35,724,000	35,725,000	35,726,000	35,727,000	35,728,000
35,729,000	35,730,000	35,731,000	35,732,000	35,733,000	35,734,000	35,735,000	35,736,000
35,737,000	35,738,000	35,739,000	35,740,000	35,741,000	35,742,000	35,743,000	35,744,000
35,745,000	35,746,000	35,747,000	35,748,000	35,749,000	35,750,000	35,751,000	35,752,000
35,753,000	35,754,000	35,755,000	35,756,000	35,757,000	35,758,000	35,759,000	35,760,000
35,761,000	35,762,000	35,763,000	35,764,000	35,765,000	35,766,000	35,767,000	35,768,000
35,769,000	35,770,000	35,771,000	35,772,000	35,773,000	35,774,000	35,775,000	35,776,000
35,777,000	35,778,000	35,779,000	35,780,000	35,781,000	35,782,000	35,783,000	35,784,000
35,785,000	35,786,000	35,787,000	35,788,000	35,789,000	35,790,000	35,791,000	35,792,000
35,793,000	35,794,000	35,795,000	35,796,000	35,797,000	35,798,000	35,799,000	35,800,000
35,801,000	35,802,000	35,803,000	35,804,000	35,805,000	35,806,000	35,807,000	35,808,000
35,809,000	35,810,000	35,811,000	35,812,000	35,813,000	35,814,000	35,815,000	35,816,000
35,817,000	35,818,000	35,819,000	35,820,000	35,821,000	35,822,000	35,823,000	35,824,000
35,825,000	35,826,000	35,827,000	35,828,000	35,829,000	35,830,000	35,831,000	35,832,000
35,833,000	35,834,000	35,835,000	35,836,000	35,837,000	35,838,000	35,839,000	35,840,000
35,841,000	35,842,000	35,843,000	35,844,000	35,845,000	35,846,000	35,847,000	35,848,000
35,849,000	35,850,000	35,851,000	35,852,000	35,853,000	35,854,000	35,855,000	35,856,000
35,857,000	35,858,000	35,859,000	35,860,000	35,861,000	35,862,000	35,863,000	35,864,000
35,865,000	35,866,000	35,867,000	35,868,000	35,869,000	35,870,000	35,871,000	35,872,000
35,873,000	35,874,000	35,875,000	35,876,000	35,877,000	35,878,000	35,879,000	35,880,000
35,881,000	35,882,000	35,883,000	35,884,000	35,885,000	35,886,000	35,887,000	35,888,000
35,889,000	35,890,000	35,891,000	35,892,000	35,893,000	35,894,000	35,895,000	35,896,000

Supplemental Figure S8

35,897,000	35,898,000	35,899,000	35,900,000	35,901,000	35,902,000	35,903,000	35,904,000
35,905,000	35,906,000	35,907,000	35,908,000	35,909,000	35,910,000	35,911,000	35,912,000
35,913,000	35,914,000	35,915,000	35,916,000	35,917,000	35,918,000	35,919,000	35,920,000
35,921,000	35,922,000	35,923,000	35,924,000	35,925,000	35,926,000	35,927,000	35,928,000
35,929,000	35,930,000	35,931,000	35,932,000	35,933,000	35,934,000	35,935,000	35,936,000
35,937,000	35,938,000	35,939,000	35,940,000	35,941,000	35,942,000	35,943,000	35,944,000
35,945,000	35,946,000	35,947,000	35,948,000	35,949,000	35,950,000	35,951,000	35,952,000
35,953,000	35,954,000	35,955,000	35,956,000	35,957,000	35,958,000	35,959,000	35,960,000
35,961,000	35,962,000	35,963,000	35,964,000	35,965,000	35,966,000	35,967,000	35,968,000
35,969,000	35,970,000	35,971,000	35,972,000	35,973,000	35,974,000	35,975,000	35,976,000
35,977,000	35,978,000	35,979,000	35,980,000	35,981,000	35,982,000	35,983,000	35,984,000
35,985,000	35,986,000	35,987,000	35,988,000	35,989,000	35,990,000	35,991,000	35,992,000
35,993,000	35,994,000	35,995,000	35,996,000	35,997,000	35,998,000	35,999,000	36,000,000
36,001,000	36,002,000	36,003,000	36,004,000	36,005,000	36,006,000	36,007,000	36,008,000
36,009,000	36,010,000	36,011,000	36,012,000	36,013,000	36,014,000	36,015,000	36,016,000
36,017,000	36,018,000	36,019,000	36,020,000	36,021,000	36,022,000	36,023,000	36,024,000
36,025,000	36,026,000	36,027,000	36,028,000	36,029,000	36,030,000	36,031,000	36,032,000
36,033,000	36,034,000	36,035,000	36,036,000	36,037,000	36,038,000	36,039,000	36,040,000
36,041,000	36,042,000	36,043,000	36,044,000	36,045,000	36,046,000	36,047,000	36,048,000
36,049,000	36,050,000	36,051,000	36,052,000	36,053,000	36,054,000	36,055,000	36,056,000
36,057,000	36,058,000	36,059,000	36,060,000	36,061,000	36,062,000	36,063,000	36,064,000
36,065,000	36,066,000	36,067,000	36,068,000	36,069,000	36,070,000	36,071,000	36,072,000
36,073,000	36,074,000	36,075,000	36,076,000	36,077,000	36,078,000	36,079,000	36,080,000

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Supplemental Figure S8

36,081,000	36,082,000	36,083,000	36,084,000	36,085,000	36,086,000	36,087,000	36,088,000
36,089,000	36,090,000	36,091,000	36,092,000	36,093,000	36,094,000	36,095,000	36,096,000
36,097,000	36,098,000	36,099,000	36,100,000	36,101,000	36,102,000	36,103,000	36,104,000
36,105,000	36,106,000	36,107,000	36,108,000	36,109,000	36,110,000	36,111,000	36,112,000
36,113,000	36,114,000	36,115,000	36,116,000	36,117,000	36,118,000	36,119,000	36,120,000
36,121,000	36,122,000	36,123,000	36,124,000	36,125,000	36,126,000	36,127,000	36,128,000
36,129,000	36,130,000	36,131,000	36,132,000	36,133,000	36,134,000	36,135,000	36,136,000
36,137,000	36,138,000	36,139,000	36,140,000	36,141,000	36,142,000	36,143,000	36,144,000
36,145,000	36,146,000	36,147,000	36,148,000	36,149,000	36,150,000	36,151,000	36,152,000
36,153,000	36,154,000	36,155,000	36,156,000	36,157,000	36,158,000	36,159,000	36,160,000
36,161,000	36,162,000	36,163,000	36,164,000	36,165,000	36,166,000	36,167,000	36,168,000
36,169,000	36,170,000	36,171,000	36,172,000	36,173,000	36,174,000	36,175,000	36,176,000
36,177,000	36,178,000	36,179,000	36,180,000	36,181,000	36,182,000	36,183,000	36,184,000
36,185,000	36,186,000	36,187,000	36,188,000	36,189,000	36,190,000	36,191,000	36,192,000
36,193,000	36,194,000	36,195,000	36,196,000	36,197,000	36,198,000	36,199,000	36,200,000
36,201,000	36,202,000	36,203,000	36,204,000	36,205,000	36,206,000	36,207,000	36,208,000
36,209,000	36,210,000	36,211,000	36,212,000	36,213,000	36,214,000	36,215,000	36,216,000
36,217,000	36,218,000	36,219,000	36,220,000	36,221,000	36,222,000	36,223,000	36,224,000
36,225,000	36,226,000	36,227,000	36,228,000	36,229,000	36,230,000	36,231,000	36,232,000
36,233,000	36,234,000	36,235,000	36,236,000	36,237,000	36,238,000	36,239,000	36,240,000
36,241,000	36,242,000	36,243,000	36,244,000	36,245,000	36,246,000	36,247,000	36,248,000
36,249,000	36,250,000	36,251,000	36,252,000	36,253,000	36,254,000	36,255,000	36,256,000
36,257,000	36,258,000	36,259,000	36,260,000	36,261,000	36,262,000	36,263,000	36,264,000

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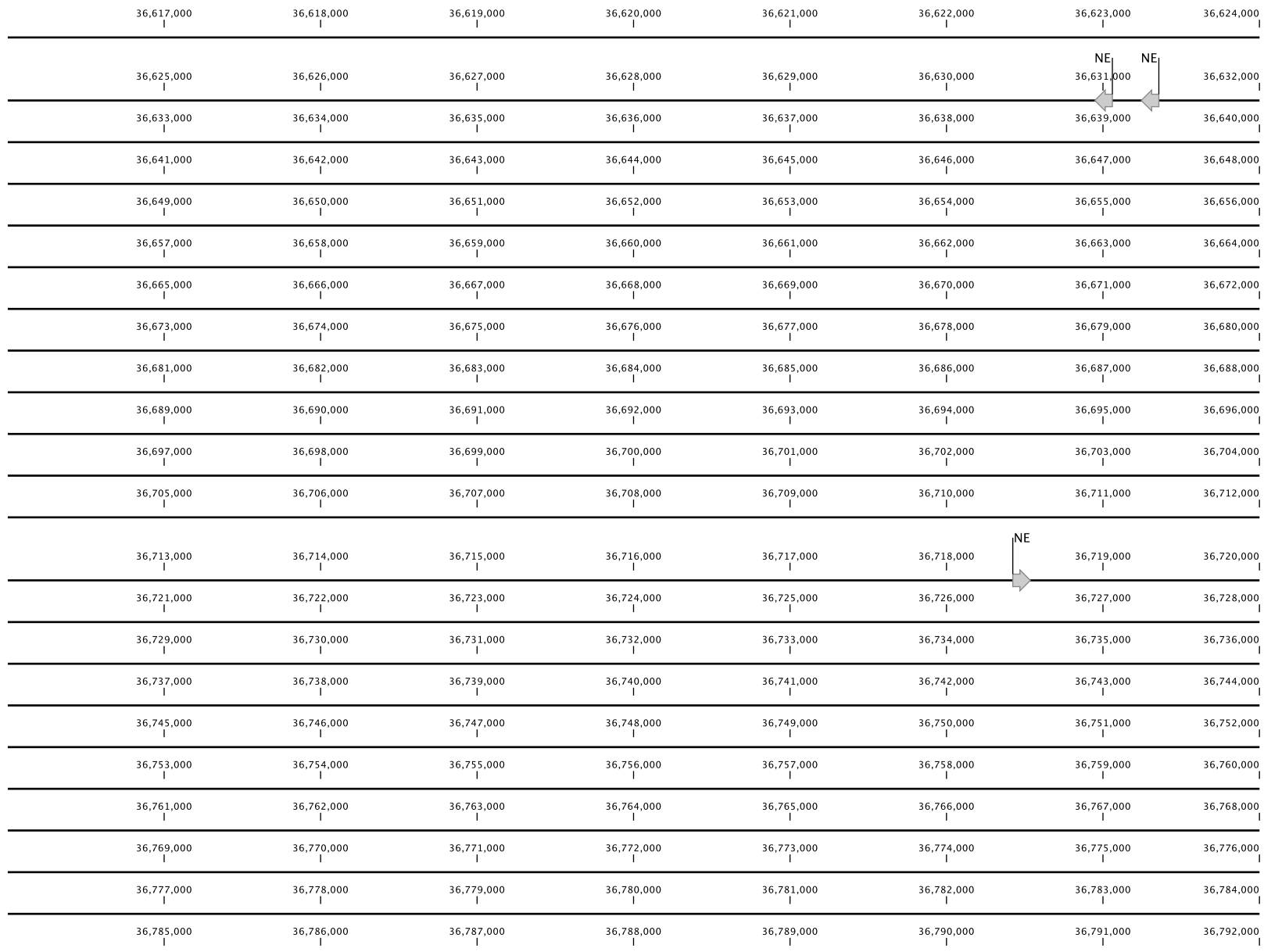
Supplemental Figure S8

36,265,000	36,266,000	36,267,000	36,268,000	36,269,000	36,270,000	36,271,000	36,272,000
36,273,000	36,274,000	36,275,000	36,276,000	36,277,000	36,278,000	36,279,000	36,280,000
36,281,000	36,282,000	36,283,000	36,284,000	36,285,000	36,286,000	36,287,000	36,288,000
36,289,000	36,290,000	36,291,000	36,292,000	36,293,000	36,294,000	36,295,000	36,296,000
36,297,000	36,298,000	36,299,000	36,300,000	36,301,000	36,302,000	36,303,000	36,304,000
36,305,000	36,306,000	36,307,000	36,308,000	36,309,000	36,310,000	36,311,000	36,312,000
36,313,000	36,314,000	36,315,000	36,316,000	36,317,000	36,318,000	36,319,000	36,320,000
36,321,000	36,322,000	36,323,000	36,324,000	36,325,000	36,326,000	36,327,000	36,328,000
36,329,000	36,330,000	36,331,000	36,332,000	36,333,000	36,334,000	36,335,000	36,336,000
36,337,000	36,338,000	36,339,000	36,340,000	36,341,000	36,342,000	36,343,000	36,344,000
36,345,000	36,346,000	36,347,000	36,348,000	36,349,000	36,350,000	36,351,000	36,352,000
36,353,000	36,354,000	36,355,000	36,356,000	36,357,000	36,358,000	36,359,000	36,360,000
36,361,000	36,362,000	36,363,000	36,364,000	36,365,000	36,366,000	36,367,000	36,368,000
36,369,000	36,370,000	36,371,000	36,372,000	36,373,000	36,374,000	36,375,000	36,376,000
36,377,000	36,378,000	36,379,000	36,380,000	36,381,000	36,382,000	36,383,000	36,384,000
36,385,000	36,386,000	36,387,000	36,388,000	36,389,000	36,390,000	36,391,000	36,392,000
36,393,000	36,394,000	36,395,000	36,396,000	36,397,000	36,398,000	36,399,000	36,400,000
36,401,000	36,402,000	36,403,000	36,404,000	36,405,000	36,406,000	36,407,000	36,408,000
36,409,000	36,410,000	36,411,000	36,412,000	36,413,000	36,414,000	36,415,000	36,416,000
36,417,000	36,418,000	36,419,000	36,420,000	36,421,000	36,422,000	36,423,000	36,424,000
36,425,000	36,426,000	36,427,000	36,428,000	36,429,000	36,430,000	36,431,000	36,432,000

Supplemental Figure S8

36,433,000	36,434,000	36,435,000	36,436,000	36,437,000	36,438,000	36,439,000	36,440,000
36,441,000	36,442,000	36,443,000	36,444,000	36,445,000	36,446,000	36,447,000	36,448,000
36,449,000	36,450,000	36,451,000	36,452,000	36,453,000	36,454,000	36,455,000	36,456,000
36,457,000	36,458,000	36,459,000	36,460,000	36,461,000	36,462,000	36,463,000	36,464,000
36,465,000	36,466,000	36,467,000	36,468,000	36,469,000	36,470,000	36,471,000	36,472,000
36,473,000	36,474,000	36,475,000	36,476,000	36,477,000	36,478,000	36,479,000	36,480,000
36,481,000	36,482,000	36,483,000	36,484,000	36,485,000	36,486,000	36,487,000	36,488,000
36,489,000	36,490,000	36,491,000	36,492,000	36,493,000	36,494,000	36,495,000	36,496,000
36,497,000	36,498,000	36,499,000	36,500,000	36,501,000	36,502,000	36,503,000	36,504,000
36,505,000	36,506,000	36,507,000	36,508,000	36,509,000	36,510,000	36,511,000	36,512,000
36,513,000	36,514,000	36,515,000	36,516,000	36,517,000	36,518,000	36,519,000	36,520,000
36,521,000	36,522,000	36,523,000	36,524,000	36,525,000	36,526,000	36,527,000	36,528,000
36,529,000	36,530,000	36,531,000	36,532,000	36,533,000	36,534,000	36,535,000	36,536,000
36,537,000	36,538,000	36,539,000	36,540,000	36,541,000	36,542,000	36,543,000	36,544,000
36,545,000	36,546,000	36,547,000	36,548,000	36,549,000	36,550,000	36,551,000	36,552,000
36,553,000	36,554,000	36,555,000	36,556,000	36,557,000	36,558,000	36,559,000	36,560,000
36,561,000	36,562,000	36,563,000	36,564,000	36,565,000	36,566,000	36,567,000	36,568,000
36,569,000	36,570,000	36,571,000	36,572,000	36,573,000	36,574,000	36,575,000	36,576,000
36,577,000	36,578,000	36,579,000	36,580,000	36,581,000	36,582,000	36,583,000	36,584,000
36,585,000	36,586,000	36,587,000	36,588,000	36,589,000	36,590,000	36,591,000	36,592,000
36,593,000	36,594,000	36,595,000	36,596,000	36,597,000	36,598,000	36,599,000	36,600,000
36,601,000	36,602,000	36,603,000	36,604,000	36,605,000	36,606,000	36,607,000	36,608,000
36,609,000	36,610,000	36,611,000	36,612,000	36,613,000	36,614,000	36,615,000	36,616,000

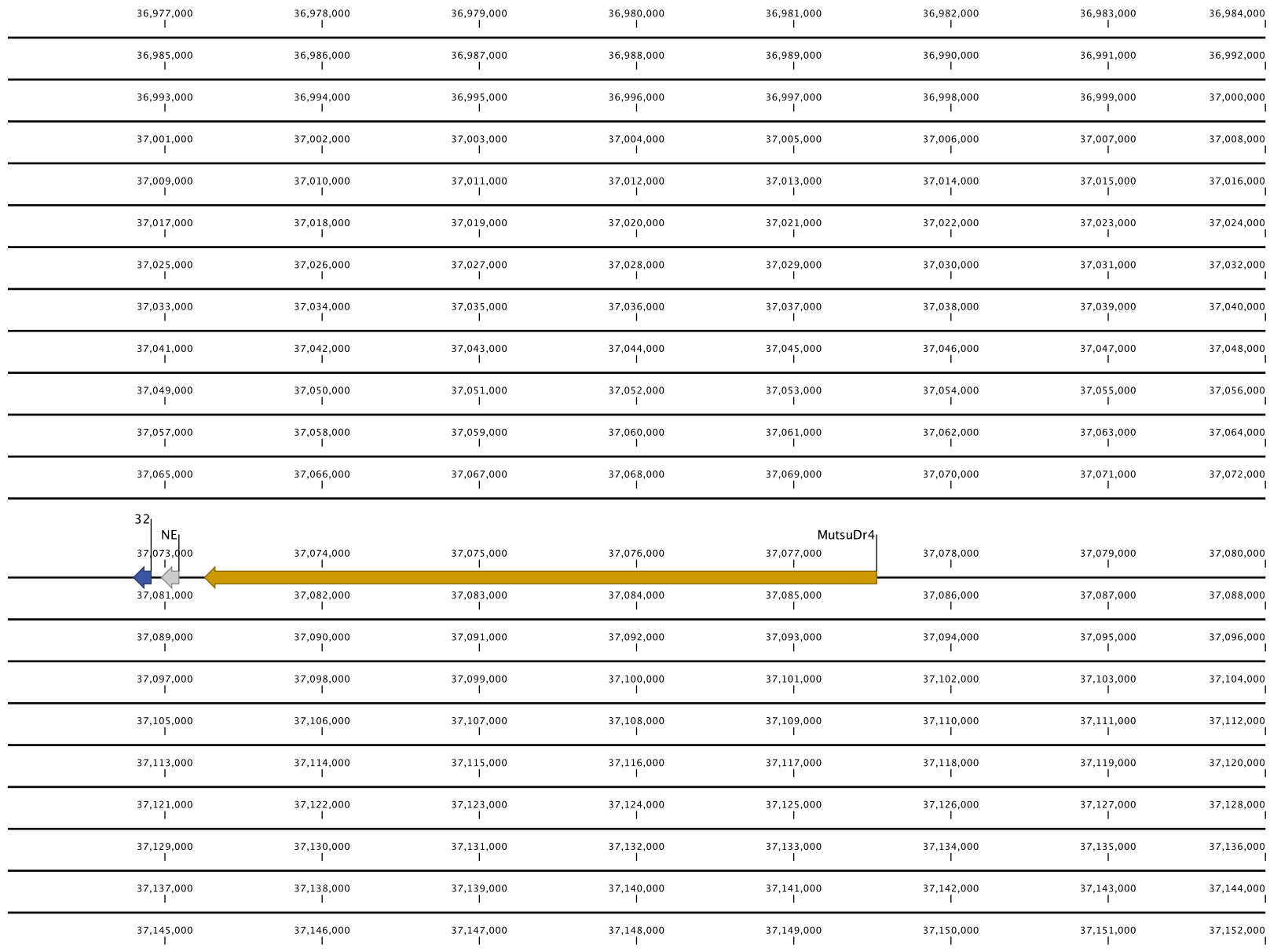
Supplemental Figure S8



Supplemental Figure S8

36,793,000	36,794,000	36,795,000	36,796,000	36,797,000	36,798,000	36,799,000	36,800,000
36,801,000	36,802,000	36,803,000	36,804,000	36,805,000	36,806,000	36,807,000	36,808,000
36,809,000	36,810,000	36,811,000	36,812,000	36,813,000	36,814,000	36,815,000	36,816,000
36,817,000	36,818,000	36,819,000	36,820,000	36,821,000	36,822,000	36,823,000	36,824,000
36,825,000	36,826,000	36,827,000	36,828,000	36,829,000	36,830,000	36,831,000	36,832,000
36,833,000	36,834,000	36,835,000	36,836,000	36,837,000	36,838,000	36,839,000	36,840,000
36,841,000	36,842,000	36,843,000	36,844,000	36,845,000	36,846,000	36,847,000	36,848,000
36,849,000	36,850,000	36,851,000	36,852,000	36,853,000	36,854,000	36,855,000	36,856,000
36,857,000	36,858,000	36,859,000	36,860,000	36,861,000	36,862,000	36,863,000	36,864,000
36,865,000	36,866,000	36,867,000	36,868,000	36,869,000	36,870,000	36,871,000	36,872,000
36,873,000	36,874,000	36,875,000	36,876,000	36,877,000	36,878,000	36,879,000	36,880,000
36,881,000	36,882,000	36,883,000	36,884,000	36,885,000	36,886,000	36,887,000	36,888,000
36,889,000	36,890,000	36,891,000	36,892,000	36,893,000	36,894,000	36,895,000	36,896,000
36,897,000	36,898,000	36,899,000	36,900,000	36,901,000	36,902,000	36,903,000	36,904,000
36,905,000	36,906,000	36,907,000	36,908,000	36,909,000	36,910,000	36,911,000	36,912,000
36,913,000	36,914,000	36,915,000	36,916,000	36,917,000	36,918,000	36,919,000	36,920,000
36,921,000	36,922,000	36,923,000	36,924,000	36,925,000	36,926,000	36,927,000	36,928,000
36,929,000	36,930,000	36,931,000	36,932,000	36,933,000	36,934,000	36,935,000	36,936,000
36,937,000	36,938,000	36,939,000	36,940,000	36,941,000	36,942,000	36,943,000	36,944,000
36,945,000	36,946,000	36,947,000	36,948,000	36,949,000	36,950,000	36,951,000	36,952,000
36,953,000	36,954,000	36,955,000	36,956,000	36,957,000	36,958,000	36,959,000	36,960,000
36,961,000	36,962,000	36,963,000	36,964,000	36,965,000	36,966,000	36,967,000	36,968,000
36,969,000	36,970,000	36,971,000	36,972,000	36,973,000	36,974,000	36,975,000	36,976,000

Supplemental Figure S8



Supplemental Figure S8

37,153,000	37,154,000	37,155,000	37,156,000	37,157,000	37,158,000	37,159,000	37,160,000
37,161,000	37,162,000	37,163,000	37,164,000	37,165,000	37,166,000	37,167,000	37,168,000
37,169,000	37,170,000	37,171,000	37,172,000	37,173,000	37,174,000	37,175,000	37,176,000
37,177,000	37,178,000	37,179,000	37,180,000	37,181,000	37,182,000	37,183,000	37,184,000
37,185,000	37,186,000	37,187,000	37,188,000	37,189,000	37,190,000	37,191,000	37,192,000
37,193,000	37,194,000	37,195,000	37,196,000	37,197,000	37,198,000	37,199,000	37,200,000
37,201,000	37,202,000	37,203,000	37,204,000	37,205,000	37,206,000	37,207,000	37,208,000
37,209,000	37,210,000	37,211,000	37,212,000	37,213,000	37,214,000	37,215,000	37,216,000
37,217,000	37,218,000	37,219,000	37,220,000	37,221,000	37,222,000	37,223,000	37,224,000
37,225,000	37,226,000	37,227,000	37,228,000	37,229,000	37,230,000	37,231,000	37,232,000
37,233,000	37,234,000	37,235,000	37,236,000	37,237,000	37,238,000	37,239,000	37,240,000
37,241,000	37,242,000	37,243,000	37,244,000	37,245,000	37,246,000	37,247,000	37,248,000
37,249,000	37,250,000	37,251,000	37,252,000	37,253,000	37,254,000	37,255,000	37,256,000
37,257,000	37,258,000	37,259,000	37,260,000	37,261,000	37,262,000	37,263,000	37,264,000
37,265,000	37,266,000	37,267,000	37,268,000	37,269,000	37,270,000	37,271,000	37,272,000
37,273,000	37,274,000	37,275,000	37,276,000	37,277,000	37,278,000	37,279,000	37,280,000
37,281,000	37,282,000	37,283,000	37,284,000	37,285,000	37,286,000	37,287,000	37,288,000
37,289,000	37,290,000	37,291,000	37,292,000	37,293,000	37,294,000	37,295,000	37,296,000
37,297,000	37,298,000	37,299,000	37,300,000	37,301,000	37,302,000	37,303,000	37,304,000
37,305,000	37,306,000	37,307,000	37,308,000	37,309,000	37,310,000	37,311,000	37,312,000
37,313,000	37,314,000	37,315,000	37,316,000	37,317,000	37,318,000	37,319,000	37,320,000
37,321,000	37,322,000	37,323,000	37,324,000	37,325,000	37,326,000	37,327,000	37,328,000
37,329,000	37,330,000	37,331,000	37,332,000	37,333,000	37,334,000	37,335,000	37,336,000

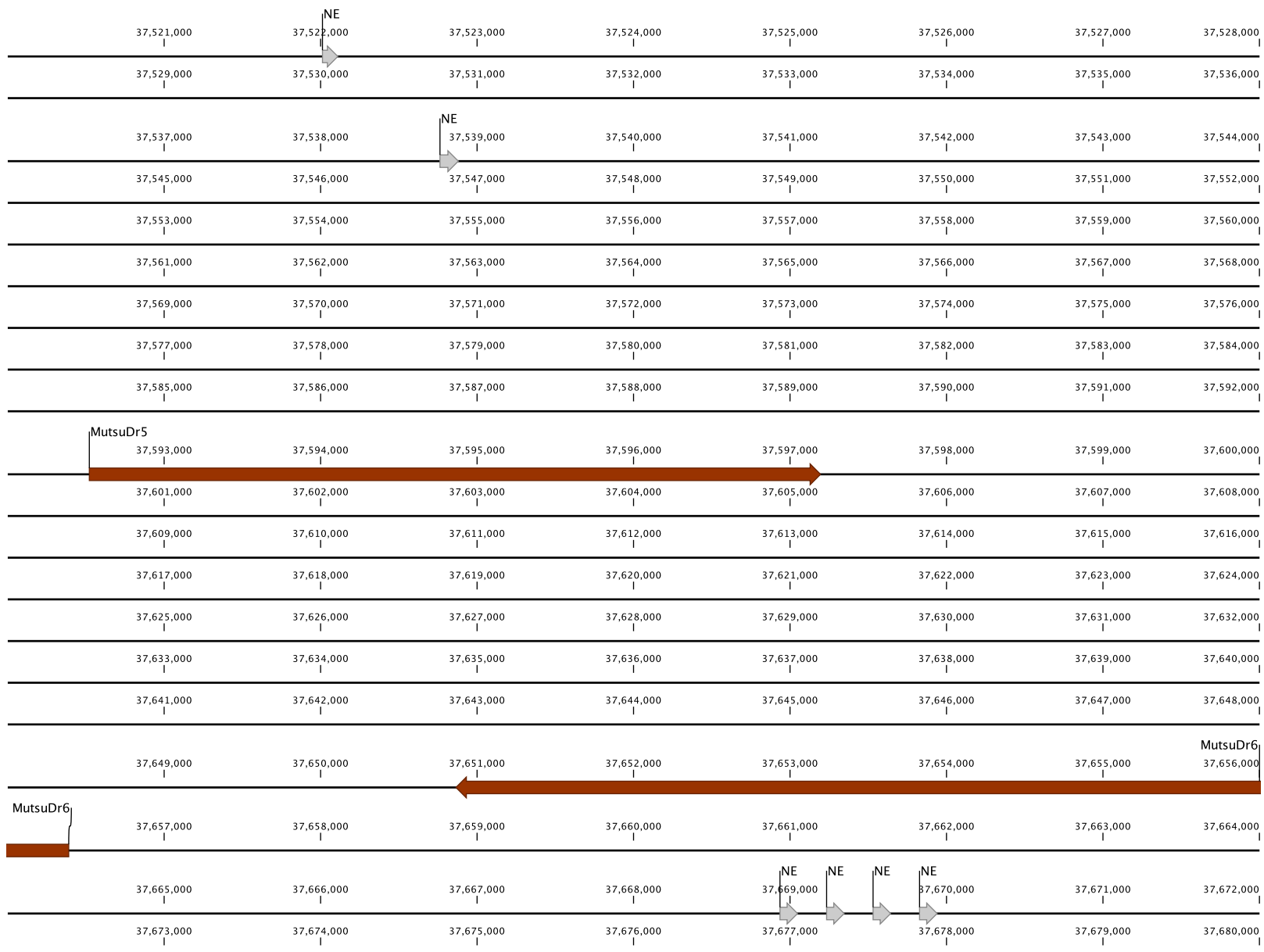
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Supplemental Figure S8

37,337,000	37,338,000	37,339,000	37,340,000	37,341,000	37,342,000	37,343,000	37,344,000
37,345,000	37,346,000	37,347,000	37,348,000	37,349,000	37,350,000	37,351,000	37,352,000
37,353,000	37,354,000	37,355,000	37,356,000	37,357,000	37,358,000	37,359,000	37,360,000
37,361,000	37,362,000	37,363,000	37,364,000	37,365,000	37,366,000	37,367,000	37,368,000
37,369,000	37,370,000	37,371,000	37,372,000	37,373,000	37,374,000	37,375,000	37,376,000
37,377,000	37,378,000	37,379,000	37,380,000	37,381,000	37,382,000	37,383,000	37,384,000
37,385,000	37,386,000	37,387,000	37,388,000	37,389,000	37,390,000	37,391,000	37,392,000
37,393,000	37,394,000	37,395,000	37,396,000	37,397,000	37,398,000	37,399,000	37,400,000
37,401,000	37,402,000	37,403,000	37,404,000	37,405,000	37,406,000	37,407,000	37,408,000
37,409,000	37,410,000	37,411,000	37,412,000	37,413,000	37,414,000	37,415,000	37,416,000
37,417,000	37,418,000	37,419,000	37,420,000	37,421,000	37,422,000	37,423,000	37,424,000
37,425,000	37,426,000	37,427,000	37,428,000	37,429,000	37,430,000	37,431,000	37,432,000
37,433,000	37,434,000	37,435,000	37,436,000	37,437,000	37,438,000	37,439,000	37,440,000
37,441,000	37,442,000	37,443,000	37,444,000	37,445,000	37,446,000	37,447,000	37,448,000
37,449,000	37,450,000	37,451,000	37,452,000	37,453,000	37,454,000	37,455,000	37,456,000
37,457,000	37,458,000	37,459,000	37,460,000	37,461,000	37,462,000	37,463,000	37,464,000
37,465,000	37,466,000	37,467,000	37,468,000	37,469,000	37,470,000	37,471,000	37,472,000
37,473,000	37,474,000	37,475,000	37,476,000	37,477,000	37,478,000	37,479,000	37,480,000
37,481,000	37,482,000	37,483,000	37,484,000	37,485,000	37,486,000	37,487,000	37,488,000
37,489,000	37,490,000	37,491,000	37,492,000	37,493,000	37,494,000	37,495,000	37,496,000
37,497,000	37,498,000	37,499,000	37,500,000	37,501,000	37,502,000	37,503,000	37,504,000
37,505,000	37,506,000	37,507,000	37,508,000	37,509,000	37,510,000	37,511,000	37,512,000
37,513,000	37,514,000	37,515,000	37,516,000	37,517,000	37,518,000	37,519,000	37,520,000

Supplemental Figure S8



Supplemental Figure S8

37,681,000	37,682,000	37,683,000	37,684,000	37,685,000	37,686,000	37,687,000	37,688,000
37,689,000	37,690,000	37,691,000	37,692,000	37,693,000	37,694,000	37,695,000	37,696,000
37,697,000	37,698,000	37,699,000	37,700,000	37,701,000	37,702,000	37,703,000	37,704,000
37,705,000	37,706,000	37,707,000	37,708,000	37,709,000	37,710,000	37,711,000	37,712,000
37,713,000	37,714,000	37,715,000	37,716,000	37,717,000	37,718,000	37,719,000	37,720,000
37,721,000	37,722,000	37,723,000	37,724,000	37,725,000	37,726,000	37,727,000	37,728,000
37,729,000	37,730,000	37,731,000	37,732,000	37,733,000	37,734,000	37,735,000	37,736,000
37,737,000	37,738,000	37,739,000	37,740,000	37,741,000	37,742,000	37,743,000	37,744,000
37,745,000	37,746,000	37,747,000	37,748,000	37,749,000	37,750,000	37,751,000	37,752,000
37,753,000	37,754,000	37,755,000	37,756,000	37,757,000	37,758,000	37,759,000	37,760,000
37,761,000	37,762,000	37,763,000	37,764,000	37,765,000	37,766,000	37,767,000	37,768,000
37,769,000	37,770,000	37,771,000	37,772,000	37,773,000	37,774,000	37,775,000	37,776,000
37,777,000	37,778,000	37,779,000	37,780,000	37,781,000	37,782,000	37,783,000	37,784,000
37,785,000	37,786,000	37,787,000	37,788,000	37,789,000	37,790,000	37,791,000	37,792,000
37,793,000	37,794,000	37,795,000	37,796,000	37,797,000	37,798,000	37,799,000	37,800,000
37,801,000	37,802,000	37,803,000	37,804,000	37,805,000	37,806,000	37,807,000	37,808,000
37,809,000	37,810,000	37,811,000	37,812,000	37,813,000	37,814,000	37,815,000	37,816,000
37,817,000	37,818,000	37,819,000	37,820,000	37,821,000	37,822,000	37,823,000	37,824,000
37,825,000	37,826,000	37,827,000	37,828,000	37,829,000	37,830,000	37,831,000	37,832,000
37,833,000	37,834,000	37,835,000	37,836,000	37,837,000	37,838,000	37,839,000	37,840,000
37,841,000	37,842,000	37,843,000	37,844,000	37,845,000	37,846,000	37,847,000	37,848,000
37,849,000	37,850,000	37,851,000	37,852,000	37,853,000	37,854,000	37,855,000	37,856,000
37,857,000	37,858,000	37,859,000	37,860,000	37,861,000	37,862,000	37,863,000	37,864,000

Supplemental Figure S8

37,865,000	37,866,000	37,867,000	37,868,000	37,869,000	37,870,000	37,871,000	37,872,000
37,873,000	37,874,000	37,875,000	37,876,000	37,877,000	37,878,000	37,879,000	37,880,000
37,881,000	37,882,000	37,883,000	37,884,000	37,885,000	37,886,000	37,887,000	37,888,000
37,889,000	37,890,000	37,891,000	37,892,000	37,893,000	37,894,000	37,895,000	37,896,000
37,897,000	37,898,000	37,899,000	37,900,000	37,901,000	37,902,000	37,903,000	37,904,000
37,905,000	37,906,000	37,907,000	37,908,000	37,909,000	37,910,000	37,911,000	37,912,000
37,913,000	37,914,000	37,915,000	37,916,000	37,917,000	37,918,000	37,919,000	37,920,000
37,921,000	37,922,000	37,923,000	37,924,000	37,925,000	37,926,000	37,927,000	37,928,000
37,929,000	37,930,000	37,931,000	37,932,000	37,933,000	37,934,000	37,935,000	37,936,000
37,937,000	37,938,000	37,939,000	37,940,000	37,941,000	37,942,000	37,943,000	37,944,000
37,945,000	37,946,000	37,947,000	37,948,000	37,949,000	37,950,000	37,951,000	37,952,000
37,953,000	37,954,000	37,955,000	37,956,000	37,957,000	37,958,000	37,959,000	37,960,000
37,961,000	37,962,000	37,963,000	37,964,000	37,965,000	37,966,000	37,967,000	37,968,000
37,969,000	37,970,000	37,971,000	37,972,000	37,973,000	37,974,000	37,975,000	37,976,000
37,977,000	37,978,000	37,979,000	37,980,000	37,981,000	37,982,000	37,983,000	37,984,000
37,985,000	37,986,000	37,987,000	37,988,000	37,989,000	37,990,000	37,991,000	37,992,000
37,993,000	37,994,000	37,995,000	37,996,000	37,997,000	37,998,000	37,999,000	38,000,000
38,001,000	38,002,000	38,003,000	38,004,000	38,005,000	38,006,000	38,007,000	38,008,000
38,009,000	38,010,000	38,011,000	38,012,000	38,013,000	38,014,000	38,015,000	38,016,000
38,017,000	38,018,000	38,019,000	38,020,000	38,021,000	38,022,000	38,023,000	38,024,000
38,025,000	38,026,000	38,027,000	38,028,000	38,029,000	38,030,000	38,031,000	38,032,000
38,033,000	38,034,000	38,035,000	38,036,000	38,037,000	38,038,000	38,039,000	38,040,000
38,041,000	38,042,000	38,043,000	38,044,000	38,045,000	38,046,000	38,047,000	38,048,000

Supplemental Figure S8

38,049,000	38,050,000	38,051,000	38,052,000	38,053,000	38,054,000	38,055,000	38,056,000
38,057,000	38,058,000	38,059,000	38,060,000	38,061,000	38,062,000	38,063,000	38,064,000
38,065,000	38,066,000	38,067,000	38,068,000	38,069,000	38,070,000	38,071,000	38,072,000
38,073,000	38,074,000	38,075,000	38,076,000	38,077,000	38,078,000	38,079,000	38,080,000
38,081,000	38,082,000	38,083,000	38,084,000	38,085,000	38,086,000	38,087,000	38,088,000
38,089,000	38,090,000	38,091,000	38,092,000	38,093,000	38,094,000	38,095,000	38,096,000
38,097,000	38,098,000	38,099,000	38,100,000	38,101,000	38,102,000	38,103,000	38,104,000
38,105,000	38,106,000	38,107,000	38,108,000	38,109,000	38,110,000	38,111,000	38,112,000
38,113,000	38,114,000	38,115,000	38,116,000	38,117,000	38,118,000	38,119,000	38,120,000
38,121,000	38,122,000	38,123,000	38,124,000	38,125,000	38,126,000	38,127,000	38,128,000
38,129,000	38,130,000	38,131,000	38,132,000	38,133,000	38,134,000	38,135,000	38,136,000
38,137,000	38,138,000	38,139,000	38,140,000	38,141,000	38,142,000	38,143,000	38,144,000
38,145,000	38,146,000	38,147,000	38,148,000	38,149,000	38,150,000	38,151,000	38,152,000
38,153,000	38,154,000	38,155,000	38,156,000	38,157,000	38,158,000	38,159,000	38,160,000
38,161,000	38,162,000	38,163,000	38,164,000	38,165,000	38,166,000	38,167,000	38,168,000
38,169,000	38,170,000	38,171,000	38,172,000	38,173,000	38,174,000	38,175,000	38,176,000
38,177,000	38,178,000	38,179,000	38,180,000	38,181,000	38,182,000	38,183,000	38,184,000
38,185,000	38,186,000	38,187,000	38,188,000	38,189,000	38,190,000	38,191,000	38,192,000
38,193,000	38,194,000	38,195,000	38,196,000	38,197,000	38,198,000	38,199,000	38,200,000
38,201,000	38,202,000	38,203,000	38,204,000	38,205,000	38,206,000	38,207,000	38,208,000
38,209,000	38,210,000	38,211,000	38,212,000	38,213,000	38,214,000	38,215,000	38,216,000
38,217,000	38,218,000	38,219,000	38,220,000	38,221,000	38,222,000	38,223,000	38,224,000
38,225,000	38,226,000	38,227,000	38,228,000	38,229,000	38,230,000	38,231,000	38,232,000

Supplemental Figure S8

38,233,000	38,234,000	38,235,000	38,236,000	38,237,000	38,238,000	38,239,000	38,240,000
38,241,000	38,242,000	38,243,000	38,244,000	38,245,000	38,246,000	38,247,000	38,248,000
38,249,000	38,250,000	38,251,000	38,252,000	38,253,000	38,254,000	38,255,000	38,256,000
38,257,000	38,258,000	38,259,000	38,260,000	38,261,000	38,262,000	38,263,000	38,264,000
38,265,000	38,266,000	38,267,000	38,268,000	38,269,000	38,270,000	38,271,000	38,272,000
38,273,000	38,274,000	38,275,000	38,276,000	38,277,000	38,278,000	38,279,000	38,280,000
38,281,000	38,282,000	38,283,000	38,284,000	38,285,000	38,286,000	38,287,000	38,288,000
38,289,000	38,290,000	38,291,000	38,292,000	38,293,000	38,294,000	38,295,000	38,296,000
38,297,000	38,298,000	38,299,000	38,300,000	38,301,000	38,302,000	38,303,000	38,304,000
38,305,000	38,306,000	38,307,000	38,308,000	38,309,000	38,310,000	38,311,000	38,312,000
38,313,000	38,314,000	38,315,000	38,316,000	38,317,000	38,318,000	38,319,000	38,320,000
38,321,000	38,322,000	38,323,000	38,324,000	38,325,000	38,326,000	38,327,000	38,328,000
38,329,000	38,330,000	38,331,000	38,332,000	38,333,000	38,334,000	38,335,000	38,336,000
38,337,000	38,338,000	38,339,000	38,340,000	38,341,000	38,342,000	38,343,000	38,344,000
38,345,000	38,346,000	38,347,000	38,348,000	38,349,000	38,350,000	38,351,000	38,352,000
38,353,000	38,354,000	38,355,000	38,356,000	38,357,000	38,358,000	38,359,000	38,360,000
38,361,000	38,362,000	38,363,000	38,364,000	38,365,000	38,366,000	38,367,000	38,368,000
38,369,000	38,370,000	38,371,000	38,372,000	38,373,000	38,374,000	38,375,000	38,376,000
38,377,000	38,378,000	38,379,000	38,380,000	38,381,000	38,382,000	38,383,000	38,384,000
38,385,000	38,386,000	38,387,000	38,388,000	38,389,000	38,390,000	38,391,000	38,392,000
38,393,000	38,394,000	38,395,000	38,396,000	38,397,000	38,398,000	38,399,000	38,400,000
38,401,000	38,402,000	38,403,000	38,404,000	38,405,000	38,406,000	38,407,000	38,408,000
38,409,000	38,410,000	38,411,000	38,412,000	38,413,000	38,414,000	38,415,000	38,416,000

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Supplemental Figure S8

38,417,000	38,418,000	38,419,000	38,420,000	38,421,000	38,422,000	38,423,000	38,424,000
38,425,000	38,426,000	38,427,000	38,428,000	38,429,000	38,430,000	38,431,000	38,432,000
38,433,000	38,434,000	38,435,000	38,436,000	38,437,000	38,438,000	38,439,000	38,440,000
38,441,000	38,442,000	38,443,000	38,444,000	38,445,000	38,446,000	38,447,000	38,448,000
38,449,000	38,450,000	38,451,000	38,452,000	38,453,000	38,454,000	38,455,000	38,456,000
38,457,000	38,458,000	38,459,000	38,460,000	38,461,000	38,462,000	38,463,000	38,464,000
38,465,000	38,466,000	38,467,000	38,468,000	38,469,000	38,470,000	38,471,000	38,472,000
38,473,000	38,474,000	38,475,000	38,476,000	38,477,000	38,478,000	38,479,000	38,480,000
38,481,000	38,482,000	38,483,000	38,484,000	38,485,000	38,486,000	38,487,000	38,488,000
38,489,000	38,490,000	38,491,000	38,492,000	38,493,000	38,494,000	38,495,000	38,496,000
38,497,000	38,498,000	38,499,000	38,500,000	38,501,000	38,502,000	38,503,000	38,504,000
38,505,000	38,506,000	38,507,000	38,508,000	38,509,000	38,510,000	38,511,000	38,512,000
38,513,000	38,514,000	38,515,000	38,516,000	38,517,000	38,518,000	38,519,000	38,520,000
38,521,000	38,522,000	38,523,000	38,524,000	38,525,000	38,526,000	38,527,000	38,528,000
38,529,000	38,530,000	38,531,000	38,532,000	38,533,000	38,534,000	38,535,000	38,536,000
38,537,000	38,538,000	38,539,000	38,540,000	38,541,000	38,542,000	38,543,000	38,544,000
38,545,000	38,546,000	38,547,000	38,548,000	38,549,000	38,550,000	38,551,000	38,552,000
38,553,000	38,554,000	38,555,000	38,556,000	38,557,000	38,558,000	38,559,000	38,560,000
38,561,000	38,562,000	38,563,000	38,564,000	38,565,000	38,566,000	38,567,000	38,568,000
38,569,000	38,570,000	38,571,000	38,572,000	38,573,000	38,574,000	38,575,000	38,576,000
38,577,000	38,578,000	38,579,000	38,580,000	38,581,000	38,582,000	38,583,000	38,584,000
38,585,000	38,586,000	38,587,000	38,588,000	38,589,000	38,590,000	38,591,000	38,592,000
38,593,000	38,594,000	38,595,000	38,596,000	38,597,000	38,598,000	38,599,000	38,600,000

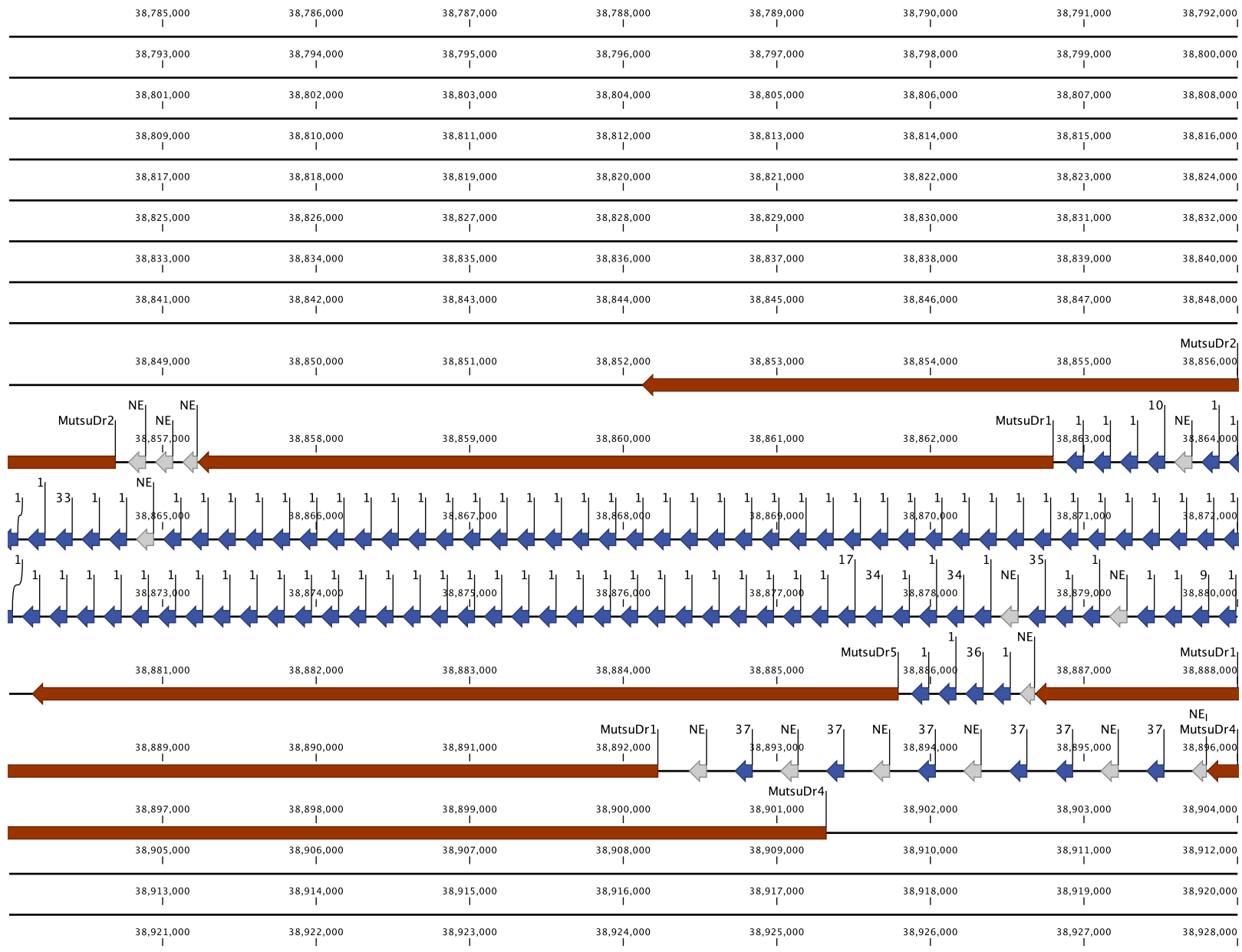
Supplemental Figure S8

38,601,000	38,602,000	38,603,000	38,604,000	38,605,000	38,606,000	38,607,000	38,608,000
38,609,000	38,610,000	38,611,000	38,612,000	38,613,000	38,614,000	38,615,000	38,616,000
38,617,000	38,618,000	38,619,000	38,620,000	38,621,000	38,622,000	38,623,000	38,624,000
38,625,000	38,626,000	38,627,000	38,628,000	38,629,000	38,630,000	38,631,000	38,632,000
38,633,000	38,634,000	38,635,000	38,636,000	38,637,000	38,638,000	38,639,000	38,640,000
38,641,000	38,642,000	38,643,000	38,644,000	38,645,000	38,646,000	38,647,000	38,648,000
38,649,000	38,650,000	38,651,000	38,652,000	38,653,000	38,654,000	38,655,000	38,656,000
38,657,000	38,658,000	38,659,000	38,660,000	38,661,000	38,662,000	38,663,000	38,664,000
38,665,000	38,666,000	38,667,000	38,668,000	38,669,000	38,670,000	38,671,000	38,672,000
38,673,000	38,674,000	38,675,000	38,676,000	38,677,000	38,678,000	38,679,000	38,680,000
38,681,000	38,682,000	38,683,000	38,684,000	38,685,000	38,686,000	38,687,000	38,688,000
38,689,000	38,690,000	38,691,000	38,692,000	38,693,000	38,694,000	38,695,000	38,696,000
38,697,000	38,698,000	38,699,000	38,700,000	38,701,000	38,702,000	38,703,000	38,704,000
38,705,000	38,706,000	38,707,000	38,708,000	38,709,000	38,710,000	38,711,000	38,712,000
38,713,000	38,714,000	38,715,000	38,716,000	38,717,000	38,718,000	38,719,000	38,720,000
38,721,000	38,722,000	38,723,000	38,724,000	38,725,000	38,726,000	38,727,000	38,728,000
38,729,000	38,730,000	38,731,000	38,732,000	38,733,000	38,734,000	38,735,000	38,736,000
38,737,000	38,738,000	38,739,000	38,740,000	38,741,000	38,742,000	38,743,000	38,744,000
38,745,000	38,746,000	38,747,000	38,748,000	38,749,000	38,750,000	38,751,000	38,752,000
38,753,000	38,754,000	38,755,000	38,756,000	38,757,000	38,758,000	38,759,000	38,760,000
38,761,000	38,762,000	38,763,000	38,764,000	38,765,000	38,766,000	38,767,000	38,768,000
38,769,000	38,770,000	38,771,000	38,772,000	38,773,000	38,774,000	38,775,000	38,776,000
38,777,000	38,778,000	38,779,000	38,780,000	38,781,000	38,782,000	38,783,000	38,784,000

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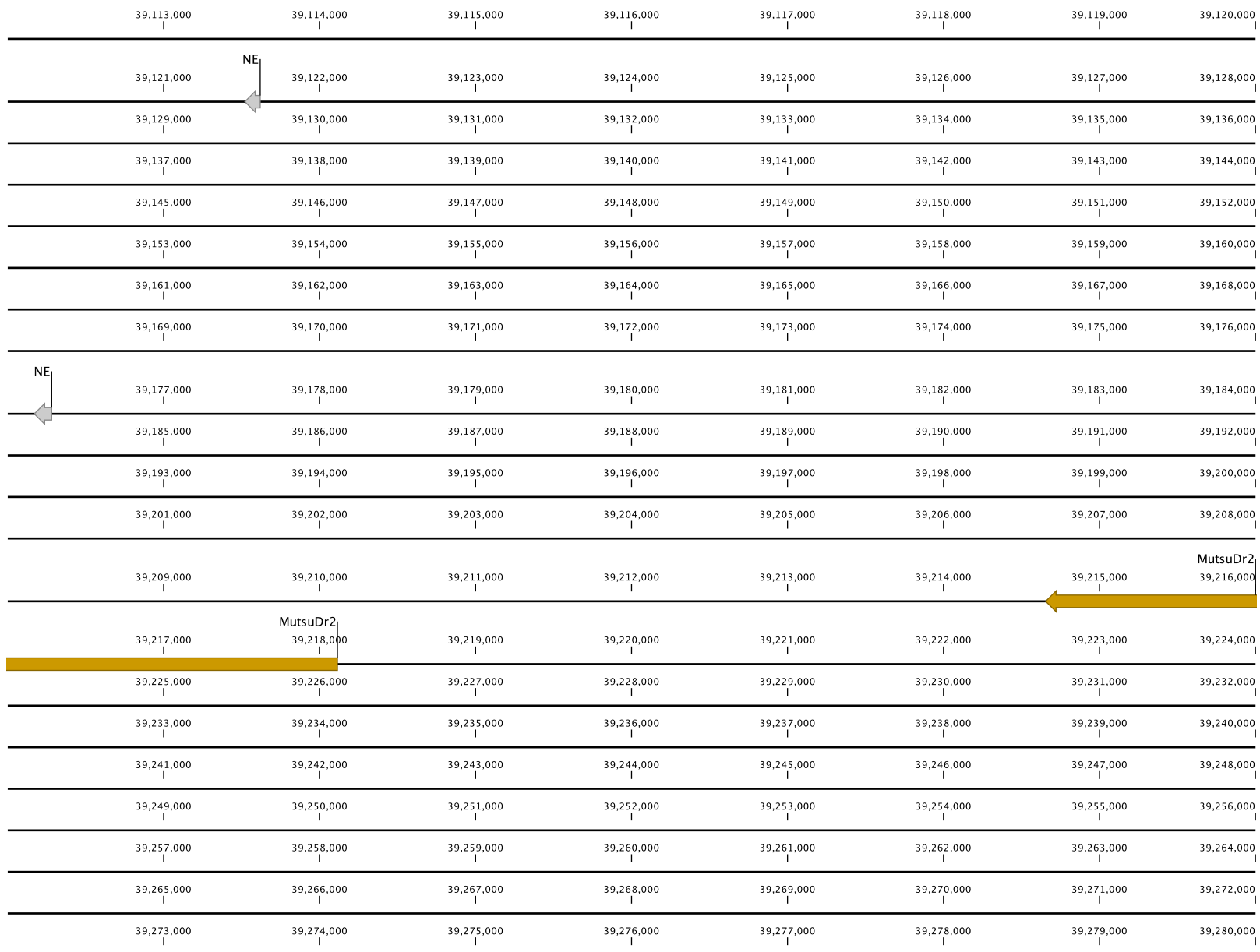
Supplemental Figure S8



Supplemental Figure S8

38,929,000	38,930,000	38,931,000	38,932,000	38,933,000	38,934,000	38,935,000	38,936,000
38,937,000	38,938,000	38,939,000	38,940,000	38,941,000	38,942,000	38,943,000	38,944,000
38,945,000	38,946,000	38,947,000	38,948,000	38,949,000	38,950,000	38,951,000	38,952,000
38,953,000	38,954,000	38,955,000	38,956,000	38,957,000	38,958,000	38,959,000	38,960,000
38,961,000	38,962,000	38,963,000	38,964,000	38,965,000	38,966,000	38,967,000	38,968,000
38,969,000	38,970,000	38,971,000	38,972,000	38,973,000	38,974,000	38,975,000	38,976,000
38,977,000	38,978,000	38,979,000	38,980,000	38,981,000	38,982,000	38,983,000	38,984,000
38,985,000	38,986,000	38,987,000	38,988,000	38,989,000	38,990,000	38,991,000	38,992,000
38,993,000	38,994,000	38,995,000	38,996,000	38,997,000	38,998,000	38,999,000	39,000,000
39,001,000	39,002,000	39,003,000	39,004,000	39,005,000	39,006,000	39,007,000	39,008,000
39,009,000	39,010,000	39,011,000	39,012,000	39,013,000	39,014,000	39,015,000	39,016,000
39,017,000	39,018,000	39,019,000	39,020,000	39,021,000	39,022,000	39,023,000	39,024,000
39,025,000	39,026,000	39,027,000	39,028,000	39,029,000	39,030,000	39,031,000	39,032,000
39,033,000	39,034,000	39,035,000	39,036,000	39,037,000	39,038,000	39,039,000	39,040,000
39,041,000	39,042,000	39,043,000	39,044,000	39,045,000	39,046,000	39,047,000	39,048,000
39,049,000	39,050,000	39,051,000	39,052,000	39,053,000	39,054,000	39,055,000	39,056,000
39,057,000	39,058,000	39,059,000	39,060,000	39,061,000	39,062,000	39,063,000	39,064,000
39,065,000	39,066,000	39,067,000	39,068,000	39,069,000	39,070,000	39,071,000	39,072,000
39,073,000	39,074,000	39,075,000	39,076,000	39,077,000	39,078,000	39,079,000	39,080,000
39,081,000	39,082,000	39,083,000	39,084,000	39,085,000	39,086,000	39,087,000	39,088,000
39,089,000	39,090,000	39,091,000	39,092,000	39,093,000	39,094,000	39,095,000	39,096,000
39,097,000	39,098,000	39,099,000	39,100,000	39,101,000	39,102,000	39,103,000	39,104,000
39,105,000	39,106,000	39,107,000	39,108,000	39,109,000	39,110,000	39,111,000	39,112,000

Supplemental Figure S8



Supplemental Figure S8

39,281,000	39,282,000	39,283,000	39,284,000	39,285,000	39,286,000	39,287,000	39,288,000
39,289,000	39,290,000	39,291,000	39,292,000	39,293,000	39,294,000	39,295,000	39,296,000
39,297,000	39,298,000	39,299,000	39,300,000	39,301,000	39,302,000	39,303,000	39,304,000
39,305,000	39,306,000	39,307,000	39,308,000	39,309,000	39,310,000	39,311,000	39,312,000
39,313,000	39,314,000	39,315,000	39,316,000	39,317,000	39,318,000	39,319,000	39,320,000
39,321,000	39,322,000	39,323,000	39,324,000	39,325,000	39,326,000	39,327,000	39,328,000
39,329,000	39,330,000	39,331,000	39,332,000	39,333,000	39,334,000	39,335,000	39,336,000
39,337,000	39,338,000	39,339,000	39,340,000	39,341,000	39,342,000	39,343,000	39,344,000
39,345,000	39,346,000	39,347,000	39,348,000	39,349,000	39,350,000	39,351,000	39,352,000
39,353,000	39,354,000	39,355,000	39,356,000	39,357,000	39,358,000	39,359,000	39,360,000
39,361,000	39,362,000	39,363,000	39,364,000	39,365,000	39,366,000	39,367,000	39,368,000
39,369,000	39,370,000	39,371,000	39,372,000	39,373,000	39,374,000	39,375,000	39,376,000
39,377,000	39,378,000	39,379,000	39,380,000	39,381,000	39,382,000	39,383,000	39,384,000
39,385,000	39,386,000	39,387,000	39,388,000	39,389,000	39,390,000	39,391,000	39,392,000
39,393,000	39,394,000	39,395,000	39,396,000	39,397,000	39,398,000	39,399,000	39,400,000
39,401,000	39,402,000	39,403,000	39,404,000	39,405,000	39,406,000	39,407,000	39,408,000
39,409,000	39,410,000	39,411,000	39,412,000	39,413,000	39,414,000	39,415,000	39,416,000
39,417,000	39,418,000	39,419,000	39,420,000	39,421,000	39,422,000	39,423,000	39,424,000
39,425,000	39,426,000	39,427,000	39,428,000	39,429,000	39,430,000	39,431,000	39,432,000
39,433,000	39,434,000	39,435,000	39,436,000	39,437,000	39,438,000	39,439,000	39,440,000
39,441,000	39,442,000	39,443,000	39,444,000	39,445,000	39,446,000	39,447,000	39,448,000
39,449,000	39,450,000	39,451,000	39,452,000	39,453,000	39,454,000	39,455,000	39,456,000
39,457,000	39,458,000	39,459,000	39,460,000	39,461,000	39,462,000	39,463,000	39,464,000

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Supplemental Figure S8

39,465,000	39,466,000	39,467,000	39,468,000	39,469,000	39,470,000	39,471,000	39,472,000
39,473,000	39,474,000	39,475,000	39,476,000	39,477,000	39,478,000	39,479,000	39,480,000
39,481,000	39,482,000	39,483,000	39,484,000	39,485,000	39,486,000	39,487,000	39,488,000
39,489,000	39,490,000	39,491,000	39,492,000	39,493,000	39,494,000	39,495,000	39,496,000
39,497,000	39,498,000	39,499,000	39,500,000	39,501,000	39,502,000	39,503,000	39,504,000
39,505,000	39,506,000	39,507,000	39,508,000	39,509,000	39,510,000	39,511,000	39,512,000
39,513,000	39,514,000	39,515,000	39,516,000	39,517,000	39,518,000	39,519,000	39,520,000
39,521,000	39,522,000	39,523,000	39,524,000	39,525,000	39,526,000	39,527,000	39,528,000
39,529,000	39,530,000	39,531,000	39,532,000	39,533,000	39,534,000	39,535,000	39,536,000
39,537,000	39,538,000	39,539,000	39,540,000	39,541,000	39,542,000	39,543,000	39,544,000
39,545,000	39,546,000	39,547,000	39,548,000	39,549,000	39,550,000	39,551,000	39,552,000
39,553,000	39,554,000	39,555,000	39,556,000	39,557,000	39,558,000	39,559,000	39,560,000
39,561,000	39,562,000	39,563,000	39,564,000	39,565,000	39,566,000	39,567,000	39,568,000
39,569,000	39,570,000	39,571,000	39,572,000	39,573,000	39,574,000	39,575,000	39,576,000
39,577,000	39,578,000	39,579,000	39,580,000	39,581,000	39,582,000	39,583,000	39,584,000
39,585,000	39,586,000	39,587,000	39,588,000	39,589,000	39,590,000	39,591,000	39,592,000
39,593,000	39,594,000	39,595,000	39,596,000	39,597,000	39,598,000	39,599,000	39,600,000
39,601,000	39,602,000	39,603,000	39,604,000	39,605,000	39,606,000	39,607,000	39,608,000
39,609,000	39,610,000	39,611,000	39,612,000	39,613,000	39,614,000	39,615,000	39,616,000
39,617,000	39,618,000	39,619,000	39,620,000	39,621,000	39,622,000	39,623,000	39,624,000
39,625,000	39,626,000	39,627,000	39,628,000	39,629,000	39,630,000	39,631,000	39,632,000
39,633,000	39,634,000	39,635,000	39,636,000	39,637,000	39,638,000	39,639,000	39,640,000
39,641,000	39,642,000	39,643,000	39,644,000	39,645,000	39,646,000	39,647,000	39,648,000

Supplemental Figure S8



Supplemental Figure S8

39,809,000	39,810,000	39,811,000	39,812,000	39,813,000	39,814,000	39,815,000	39,816,000
39,817,000	39,818,000	39,819,000	39,820,000	39,821,000	39,822,000	39,823,000	39,824,000
39,825,000	39,826,000	39,827,000	39,828,000	39,829,000	39,830,000	39,831,000	39,832,000
39,833,000	39,834,000	39,835,000	39,836,000	39,837,000	39,838,000	39,839,000	39,840,000
39,841,000	39,842,000	39,843,000	39,844,000	39,845,000	39,846,000	39,847,000	39,848,000
39,849,000	39,850,000	39,851,000	39,852,000	39,853,000	39,854,000	39,855,000	39,856,000
39,857,000	39,858,000	39,859,000	39,860,000	39,861,000	39,862,000	39,863,000	39,864,000
39,865,000	39,866,000	39,867,000	39,868,000	39,869,000	39,870,000	39,871,000	39,872,000
39,873,000	39,874,000	39,875,000	39,876,000	39,877,000	39,878,000	39,879,000	39,880,000
39,881,000	39,882,000	39,883,000	39,884,000	39,885,000	39,886,000	39,887,000	39,888,000
39,889,000	39,890,000	39,891,000	39,892,000	39,893,000	39,894,000	39,895,000	39,896,000
39,897,000	39,898,000	39,899,000	39,900,000	39,901,000	39,902,000	39,903,000	39,904,000
NE 39,905,000	39,906,000	39,907,000	39,908,000	39,909,000	39,910,000	39,911,000	39,912,000
39,913,000	39,914,000	39,915,000	39,916,000	39,917,000	39,918,000	39,919,000	39,920,000
39,921,000	39,922,000	39,923,000	39,924,000	39,925,000	39,926,000	39,927,000	39,928,000
39,929,000	39,930,000	39,931,000	39,932,000	39,933,000	39,934,000	39,935,000	39,936,000
39,937,000	39,938,000	39,939,000	39,940,000	39,941,000	39,942,000	39,943,000	39,944,000
39,945,000	39,946,000	39,947,000	39,948,000	39,949,000	39,950,000	39,951,000	39,952,000
39,953,000	39,954,000	39,955,000	39,956,000	39,957,000	39,958,000	39,959,000	39,960,000
39,961,000	39,962,000	39,963,000	39,964,000	39,965,000	39,966,000	39,967,000	39,968,000
39,969,000	39,970,000	39,971,000	39,972,000	39,973,000	39,974,000	39,975,000	39,976,000
39,977,000	39,978,000	39,979,000	39,980,000	39,981,000	39,982,000	39,983,000	39,984,000
39,985,000	39,986,000	39,987,000	39,988,000	39,989,000	39,990,000	39,991,000	39,992,000

Supplemental Figure S8

39,993,000	39,994,000	39,995,000	39,996,000	39,997,000	39,998,000	39,999,000	40,000,000
40,001,000	40,002,000	40,003,000	40,004,000	40,005,000	40,006,000	40,007,000	40,008,000
40,009,000	40,010,000	40,011,000	40,012,000	40,013,000	40,014,000	40,015,000	40,016,000
40,017,000	40,018,000	40,019,000	40,020,000	40,021,000	40,022,000	40,023,000	40,024,000
40,025,000	40,026,000	40,027,000	40,028,000	40,029,000	40,030,000	40,031,000	40,032,000
40,033,000	40,034,000	40,035,000	40,036,000	40,037,000	40,038,000	40,039,000	40,040,000
40,041,000	40,042,000	40,043,000	40,044,000	40,045,000	40,046,000	40,047,000	40,048,000
40,049,000	40,050,000	40,051,000	40,052,000	40,053,000	40,054,000	40,055,000	40,056,000
40,057,000	40,058,000	40,059,000	40,060,000	40,061,000	40,062,000	40,063,000	40,064,000
40,065,000	40,066,000	40,067,000	40,068,000	40,069,000	40,070,000	40,071,000	40,072,000
40,073,000	40,074,000	40,075,000	40,076,000	40,077,000	40,078,000	40,079,000	40,080,000
40,081,000	40,082,000	40,083,000	40,084,000	40,085,000	40,086,000	40,087,000	40,088,000
40,089,000	40,090,000	40,091,000	40,092,000	40,093,000	40,094,000	40,095,000	40,096,000
40,097,000	40,098,000	40,099,000	40,100,000	40,101,000	40,102,000	40,103,000	40,104,000
40,105,000	40,106,000	40,107,000	40,108,000	40,109,000	40,110,000	40,111,000	40,112,000
40,113,000	40,114,000	40,115,000	40,116,000	40,117,000	40,118,000	40,119,000	40,120,000
40,121,000	40,122,000	40,123,000	40,124,000	40,125,000	40,126,000	40,127,000	40,128,000
40,129,000	40,130,000	40,131,000	40,132,000	40,133,000	40,134,000	40,135,000	40,136,000
40,137,000	40,138,000	40,139,000	40,140,000	40,141,000	40,142,000	40,143,000	40,144,000
40,145,000	40,146,000	40,147,000	40,148,000	40,149,000	40,150,000	40,151,000	40,152,000
40,153,000	40,154,000	40,155,000	40,156,000	40,157,000	40,158,000	40,159,000	40,160,000
40,161,000	40,162,000	40,163,000	40,164,000	40,165,000	40,166,000	40,167,000	40,168,000
40,169,000	40,170,000	40,171,000	40,172,000	40,173,000	40,174,000	40,175,000	40,176,000

NE



Supplemental Figure S8

40,177,000	40,178,000	40,179,000	40,180,000	40,181,000	40,182,000	40,183,000	40,184,000
40,185,000	40,186,000	40,187,000	40,188,000	40,189,000	40,190,000	40,191,000	40,192,000
40,193,000	40,194,000	40,195,000	40,196,000	40,197,000	40,198,000	40,199,000	40,200,000
40,201,000	40,202,000	40,203,000	40,204,000	40,205,000	40,206,000	40,207,000	40,208,000
40,209,000	40,210,000	40,211,000	40,212,000	40,213,000	40,214,000	40,215,000	40,216,000
40,217,000	40,218,000	40,219,000	40,220,000	40,221,000	40,222,000	40,223,000	40,224,000
40,225,000	40,226,000	40,227,000	40,228,000	40,229,000	40,230,000	40,231,000	40,232,000
40,233,000	40,234,000	40,235,000	40,236,000	40,237,000	40,238,000	40,239,000	40,240,000
40,241,000	40,242,000	40,243,000	40,244,000	40,245,000	40,246,000	40,247,000	40,248,000
40,249,000	40,250,000	40,251,000	40,252,000	40,253,000	40,254,000	40,255,000	40,256,000
40,257,000	40,258,000	40,259,000	40,260,000	40,261,000	40,262,000	40,263,000	40,264,000
40,265,000	40,266,000	40,267,000	40,268,000	40,269,000	40,270,000	40,271,000	40,272,000
40,273,000	40,274,000	40,275,000	40,276,000	40,277,000	40,278,000	40,279,000	40,280,000
40,281,000	40,282,000	40,283,000	40,284,000	40,285,000	40,286,000	40,287,000	40,288,000
40,289,000	40,290,000	40,291,000	40,292,000	40,293,000	40,294,000	40,295,000	40,296,000
40,297,000	40,298,000	40,299,000	40,300,000	40,301,000	40,302,000	40,303,000	40,304,000
40,305,000	40,306,000	40,307,000	40,308,000	40,309,000	40,310,000	40,311,000	40,312,000
40,313,000	40,314,000	40,315,000	40,316,000	40,317,000	40,318,000	40,319,000	40,320,000
40,321,000	40,322,000	40,323,000	40,324,000	40,325,000	40,326,000	40,327,000	40,328,000
40,329,000	40,330,000	40,331,000	40,332,000	40,333,000	40,334,000	40,335,000	40,336,000
40,337,000	40,338,000	40,339,000	40,340,000	40,341,000	40,342,000	40,343,000	40,344,000
40,345,000	40,346,000	40,347,000	40,348,000	40,349,000	40,350,000	40,351,000	40,352,000
40,353,000	40,354,000	40,355,000	40,356,000	40,357,000	40,358,000	40,359,000	40,360,000

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Supplemental Figure S8

40,361,000	40,362,000	40,363,000	40,364,000	40,365,000	40,366,000	40,367,000	40,368,000
40,369,000	40,370,000	40,371,000	40,372,000	40,373,000	40,374,000	40,375,000	40,376,000
40,377,000	40,378,000	40,379,000	40,380,000	40,381,000	40,382,000	40,383,000	40,384,000
40,385,000	40,386,000	40,387,000	40,388,000	40,389,000	40,390,000	40,391,000	40,392,000
40,393,000	40,394,000	40,395,000	40,396,000	40,397,000	40,398,000	40,399,000	40,400,000
40,401,000	40,402,000	40,403,000	40,404,000	40,405,000	40,406,000	40,407,000	40,408,000
40,409,000	40,410,000	40,411,000	40,412,000	40,413,000	40,414,000	40,415,000	40,416,000
40,417,000	40,418,000	40,419,000	40,420,000	40,421,000	40,422,000	40,423,000	40,424,000
40,425,000	40,426,000	40,427,000	40,428,000	40,429,000	40,430,000	40,431,000	40,432,000
40,433,000	40,434,000	40,435,000	40,436,000	40,437,000	40,438,000	40,439,000	40,440,000
40,441,000	40,442,000	40,443,000	40,444,000	40,445,000	40,446,000	40,447,000	40,448,000
40,449,000	40,450,000	40,451,000	40,452,000	40,453,000	40,454,000	40,455,000	40,456,000
40,457,000	40,458,000	40,459,000	40,460,000	40,461,000	40,462,000	40,463,000	40,464,000
40,465,000	40,466,000	40,467,000	40,468,000	40,469,000	40,470,000	40,471,000	40,472,000
40,473,000	40,474,000	40,475,000	40,476,000	40,477,000	40,478,000	40,479,000	40,480,000
40,481,000	40,482,000	40,483,000	40,484,000	40,485,000	40,486,000	40,487,000	40,488,000
40,489,000	40,490,000	40,491,000	40,492,000	40,493,000	40,494,000	40,495,000	40,496,000
40,497,000	40,498,000	40,499,000	40,500,000	40,501,000	40,502,000	40,503,000	40,504,000
40,505,000	40,506,000	40,507,000	40,508,000	40,509,000	40,510,000	40,511,000	40,512,000
40,513,000	40,514,000	40,515,000	40,516,000	40,517,000	40,518,000	40,519,000	40,520,000
40,521,000	40,522,000	40,523,000	40,524,000	40,525,000	40,526,000	40,527,000	40,528,000
40,529,000	40,530,000	40,531,000	40,532,000	40,533,000	40,534,000	40,535,000	40,536,000
40,537,000	40,538,000	40,539,000	40,540,000	40,541,000	40,542,000	40,543,000	40,544,000

Supplemental Figure S8

40,545,000	40,546,000	40,547,000	40,548,000	40,549,000	40,550,000	40,551,000	40,552,000
40,553,000	40,554,000	40,555,000	40,556,000	40,557,000	40,558,000	40,559,000	40,560,000
40,561,000	40,562,000	40,563,000	40,564,000	40,565,000	40,566,000	40,567,000	40,568,000
40,569,000	40,570,000	40,571,000	40,572,000	40,573,000	40,574,000	40,575,000	40,576,000
40,577,000	40,578,000	40,579,000	40,580,000	40,581,000	40,582,000	40,583,000	40,584,000
40,585,000	40,586,000	40,587,000	40,588,000	40,589,000	40,590,000	40,591,000	40,592,000
40,593,000	40,594,000	40,595,000	40,596,000	40,597,000	40,598,000	40,599,000	40,600,000
40,601,000	40,602,000	40,603,000	40,604,000	40,605,000	40,606,000	40,607,000	40,608,000
40,609,000	40,610,000	40,611,000	40,612,000	40,613,000	40,614,000	40,615,000	40,616,000
40,617,000	40,618,000	40,619,000	40,620,000	40,621,000	40,622,000	40,623,000	40,624,000
40,625,000	40,626,000	40,627,000	40,628,000	40,629,000	40,630,000	40,631,000	40,632,000
40,633,000	40,634,000	40,635,000	40,636,000	40,637,000	40,638,000	40,639,000	40,640,000
40,641,000	40,642,000	40,643,000	40,644,000	40,645,000	40,646,000	40,647,000	40,648,000
40,649,000	40,650,000	40,651,000	40,652,000	40,653,000	40,654,000	40,655,000	40,656,000
40,657,000	40,658,000	40,659,000	40,660,000	40,661,000	40,662,000	40,663,000	40,664,000
40,665,000	40,666,000	40,667,000	40,668,000	40,669,000	40,670,000	40,671,000	40,672,000
40,673,000	40,674,000	40,675,000	40,676,000	40,677,000	40,678,000	40,679,000	40,680,000
40,681,000	40,682,000	40,683,000	40,684,000	40,685,000	40,686,000	40,687,000	40,688,000
40,689,000	40,690,000	40,691,000	40,692,000	40,693,000	40,694,000	40,695,000	40,696,000
40,697,000	40,698,000	40,699,000	40,700,000	40,701,000	40,702,000	40,703,000	40,704,000
40,705,000	40,706,000	40,707,000	40,708,000	40,709,000	40,710,000	40,711,000	40,712,000
40,713,000	40,714,000	40,715,000	40,716,000	40,717,000	40,718,000	40,719,000	40,720,000
40,721,000	40,722,000	40,723,000	40,724,000	40,725,000	40,726,000	40,727,000	40,728,000

Supplemental Figure S8

40,729,000	40,730,000	40,731,000	40,732,000	40,733,000	40,734,000	40,735,000	40,736,000
40,737,000	40,738,000	40,739,000	40,740,000	40,741,000	40,742,000	40,743,000	40,744,000
40,745,000	40,746,000	40,747,000	40,748,000	40,749,000	40,750,000	40,751,000	40,752,000
40,753,000	40,754,000	40,755,000	40,756,000	40,757,000	40,758,000	40,759,000	40,760,000
40,761,000	40,762,000	40,763,000	40,764,000	40,765,000	40,766,000	40,767,000	40,768,000
40,769,000	40,770,000	40,771,000	40,772,000	40,773,000	40,774,000	40,775,000	40,776,000
40,777,000	40,778,000	40,779,000	40,780,000	40,781,000	40,782,000	40,783,000	40,784,000
40,785,000	40,786,000	40,787,000	40,788,000	40,789,000	40,790,000	40,791,000	40,792,000
40,793,000	40,794,000	40,795,000	40,796,000	40,797,000	40,798,000	40,799,000	40,800,000
40,801,000	40,802,000	40,803,000	40,804,000	40,805,000	40,806,000	40,807,000	40,808,000
40,809,000	40,810,000	40,811,000	40,812,000	40,813,000	40,814,000	40,815,000	40,816,000
40,817,000	40,818,000	40,819,000	40,820,000	40,821,000	40,822,000	40,823,000	40,824,000
40,825,000	40,826,000	40,827,000	40,828,000	40,829,000	40,830,000	40,831,000	40,832,000
40,833,000	40,834,000	40,835,000	40,836,000	40,837,000	40,838,000	40,839,000	40,840,000
40,841,000	40,842,000	40,843,000	40,844,000	40,845,000	40,846,000	40,847,000	40,848,000
40,849,000	40,850,000	40,851,000	40,852,000	40,853,000	40,854,000	40,855,000	40,856,000
40,857,000	40,858,000	40,859,000	40,860,000	40,861,000	40,862,000	40,863,000	40,864,000
40,865,000	40,866,000	40,867,000	40,868,000	40,869,000	40,870,000	40,871,000	40,872,000
40,873,000	40,874,000	40,875,000	40,876,000	40,877,000	40,878,000	40,879,000	40,880,000
40,881,000	40,882,000	40,883,000	40,884,000	40,885,000	40,886,000	40,887,000	40,888,000
40,889,000	40,890,000	40,891,000	40,892,000	40,893,000	40,894,000	40,895,000	40,896,000
40,897,000	40,898,000	40,899,000	40,900,000	40,901,000	40,902,000	40,903,000	40,904,000
40,905,000	40,906,000	40,907,000	40,908,000	40,909,000	40,910,000	40,911,000	40,912,000

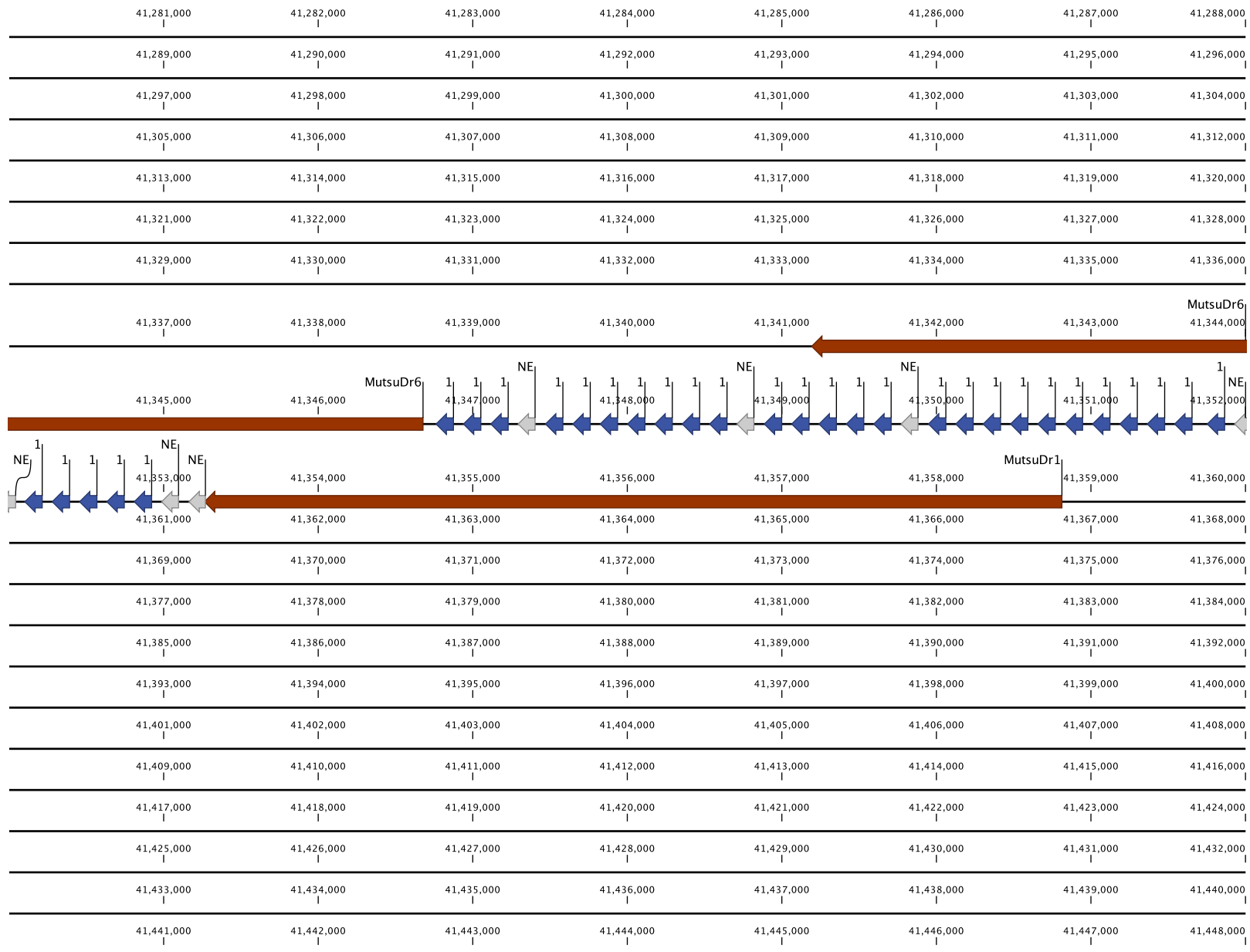
Supplemental Figure S8

40,913,000	40,914,000	40,915,000	40,916,000	40,917,000	40,918,000	40,919,000	40,920,000
40,921,000	40,922,000	40,923,000	40,924,000	40,925,000	40,926,000	40,927,000	40,928,000
40,929,000	40,930,000	40,931,000	40,932,000	40,933,000	40,934,000	40,935,000	40,936,000
40,937,000	40,938,000	40,939,000	40,940,000	40,941,000	40,942,000	40,943,000	40,944,000
40,945,000	40,946,000	40,947,000	40,948,000	40,949,000	40,950,000	40,951,000	40,952,000
40,953,000	40,954,000	40,955,000	40,956,000	40,957,000	40,958,000	40,959,000	40,960,000
40,961,000	40,962,000	40,963,000	40,964,000	40,965,000	40,966,000	40,967,000	40,968,000
40,969,000	40,970,000	40,971,000	40,972,000	40,973,000	40,974,000	40,975,000	40,976,000
40,977,000	40,978,000	40,979,000	40,980,000	40,981,000	40,982,000	40,983,000	40,984,000
40,985,000	40,986,000	40,987,000	40,988,000	40,989,000	40,990,000	40,991,000	40,992,000
40,993,000	40,994,000	40,995,000	40,996,000	40,997,000	40,998,000	40,999,000	41,000,000
41,001,000	41,002,000	41,003,000	41,004,000	41,005,000	41,006,000	41,007,000	41,008,000
41,009,000	41,010,000	41,011,000	41,012,000	41,013,000	41,014,000	41,015,000	41,016,000
41,017,000	41,018,000	41,019,000	41,020,000	41,021,000	41,022,000	41,023,000	41,024,000
41,025,000	41,026,000	41,027,000	41,028,000	41,029,000	41,030,000	41,031,000	41,032,000
41,033,000	41,034,000	41,035,000	41,036,000	41,037,000	41,038,000	41,039,000	41,040,000
41,041,000	41,042,000	41,043,000	41,044,000	41,045,000	41,046,000	41,047,000	41,048,000
41,049,000	41,050,000	41,051,000	41,052,000	41,053,000	41,054,000	41,055,000	41,056,000
41,057,000	41,058,000	41,059,000	41,060,000	41,061,000	41,062,000	41,063,000	41,064,000
41,065,000	41,066,000	41,067,000	41,068,000	41,069,000	41,070,000	41,071,000	41,072,000
41,073,000	41,074,000	41,075,000	41,076,000	41,077,000	41,078,000	41,079,000	41,080,000
41,081,000	41,082,000	41,083,000	41,084,000	41,085,000	41,086,000	41,087,000	41,088,000
41,089,000	41,090,000	41,091,000	41,092,000	41,093,000	41,094,000	41,095,000	41,096,000

Supplemental Figure S8

41,097,000	41,098,000	41,099,000	41,100,000	41,101,000	41,102,000	41,103,000	41,104,000
41,105,000	41,106,000	41,107,000	41,108,000	41,109,000	41,110,000	41,111,000	41,112,000
41,113,000	41,114,000	41,115,000	41,116,000	41,117,000	41,118,000	41,119,000	41,120,000
41,121,000	41,122,000	41,123,000	41,124,000	41,125,000	41,126,000	41,127,000	41,128,000
41,129,000	41,130,000	41,131,000	41,132,000	41,133,000	41,134,000	41,135,000	41,136,000
41,137,000	41,138,000	41,139,000	41,140,000	41,141,000	41,142,000	41,143,000	41,144,000
41,145,000	41,146,000	41,147,000	41,148,000	41,149,000	41,150,000	41,151,000	41,152,000
41,153,000	41,154,000	41,155,000	41,156,000	41,157,000	41,158,000	41,159,000	41,160,000
41,161,000	41,162,000	41,163,000	41,164,000	41,165,000	41,166,000	41,167,000	41,168,000
41,169,000	41,170,000	41,171,000	41,172,000	41,173,000	41,174,000	41,175,000	41,176,000
41,177,000	41,178,000	41,179,000	41,180,000	41,181,000	41,182,000	41,183,000	41,184,000
41,185,000	41,186,000	41,187,000	41,188,000	41,189,000	41,190,000	41,191,000	41,192,000
41,193,000	41,194,000	41,195,000	41,196,000	41,197,000	41,198,000	41,199,000	41,200,000
41,201,000	41,202,000	41,203,000	41,204,000	41,205,000	41,206,000	41,207,000	41,208,000
41,209,000	41,210,000	41,211,000	41,212,000	41,213,000	41,214,000	41,215,000	41,216,000
41,217,000	41,218,000	41,219,000	41,220,000	41,221,000	41,222,000	41,223,000	41,224,000
41,225,000	41,226,000	41,227,000	41,228,000	41,229,000	41,230,000	41,231,000	41,232,000
41,233,000	41,234,000	41,235,000	41,236,000	41,237,000	41,238,000	41,239,000	41,240,000
41,241,000	41,242,000	41,243,000	41,244,000	41,245,000	41,246,000	41,247,000	41,248,000
41,249,000	41,250,000	41,251,000	41,252,000	41,253,000	41,254,000	41,255,000	41,256,000
41,257,000	41,258,000	41,259,000	41,260,000	41,261,000	41,262,000	41,263,000	41,264,000
41,265,000	41,266,000	41,267,000	41,268,000	41,269,000	41,270,000	41,271,000	41,272,000
41,273,000	41,274,000	41,275,000	41,276,000	41,277,000	41,278,000	41,279,000	41,280,000

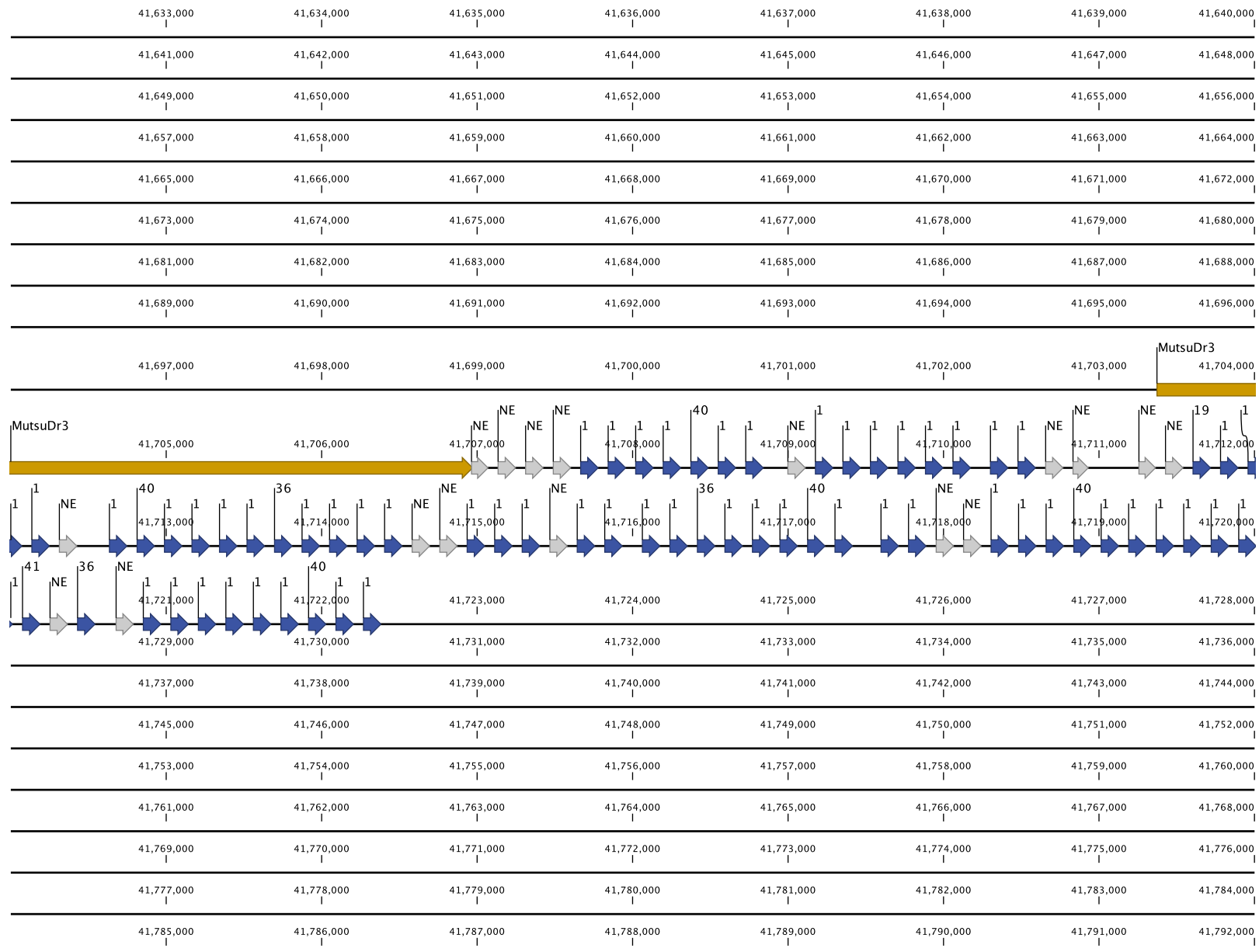
Supplemental Figure S8



Supplemental Figure S8

41,449,000	41,450,000	41,451,000	41,452,000	41,453,000	41,454,000	41,455,000	41,456,000
41,457,000	41,458,000	41,459,000	41,460,000	41,461,000	41,462,000	41,463,000	41,464,000
41,465,000	41,466,000	41,467,000	41,468,000	41,469,000	41,470,000	41,471,000	41,472,000
41,473,000	41,474,000	41,475,000	41,476,000	41,477,000	41,478,000	41,479,000	41,480,000
41,481,000	41,482,000	41,483,000	41,484,000	41,485,000	41,486,000	41,487,000	41,488,000
41,489,000	41,490,000	41,491,000	41,492,000	41,493,000	41,494,000	41,495,000	41,496,000
41,497,000	41,498,000	41,499,000	41,500,000	41,501,000	41,502,000	41,503,000	41,504,000
41,505,000	41,506,000	41,507,000	41,508,000	41,509,000	41,510,000	41,511,000	41,512,000
41,513,000	41,514,000	41,515,000	41,516,000	41,517,000	41,518,000	41,519,000	41,520,000
41,521,000	41,522,000	41,523,000	41,524,000	41,525,000	41,526,000	41,527,000	41,528,000
41,529,000	41,530,000	41,531,000	41,532,000	41,533,000	41,534,000	41,535,000	41,536,000
41,537,000	41,538,000	41,539,000	41,540,000	41,541,000	41,542,000	41,543,000	41,544,000
41,545,000	41,546,000	41,547,000	41,548,000	41,549,000	41,550,000	41,551,000	41,552,000
41,553,000	41,554,000	41,555,000	41,556,000	41,557,000	41,558,000	41,559,000	41,560,000
41,561,000	41,562,000	41,563,000	41,564,000	41,565,000	41,566,000	41,567,000	41,568,000
41,569,000	41,570,000	41,571,000	41,572,000	41,573,000	41,574,000	41,575,000	41,576,000
41,577,000	41,578,000	41,579,000	41,580,000	41,581,000	41,582,000	41,583,000	41,584,000
41,585,000	41,586,000	41,587,000	41,588,000	41,589,000	41,590,000	41,591,000	41,592,000
41,593,000	41,594,000	41,595,000	41,596,000	41,597,000	41,598,000	41,599,000	41,600,000
41,601,000	41,602,000	41,603,000	41,604,000	41,605,000	41,606,000	41,607,000	41,608,000
41,609,000	41,610,000	41,611,000	41,612,000	41,613,000	41,614,000	41,615,000	41,616,000
41,617,000	41,618,000	41,619,000	41,620,000	41,621,000	41,622,000	41,623,000	41,624,000
41,625,000	41,626,000	41,627,000	41,628,000	41,629,000	41,630,000	41,631,000	41,632,000

Supplemental Figure S8



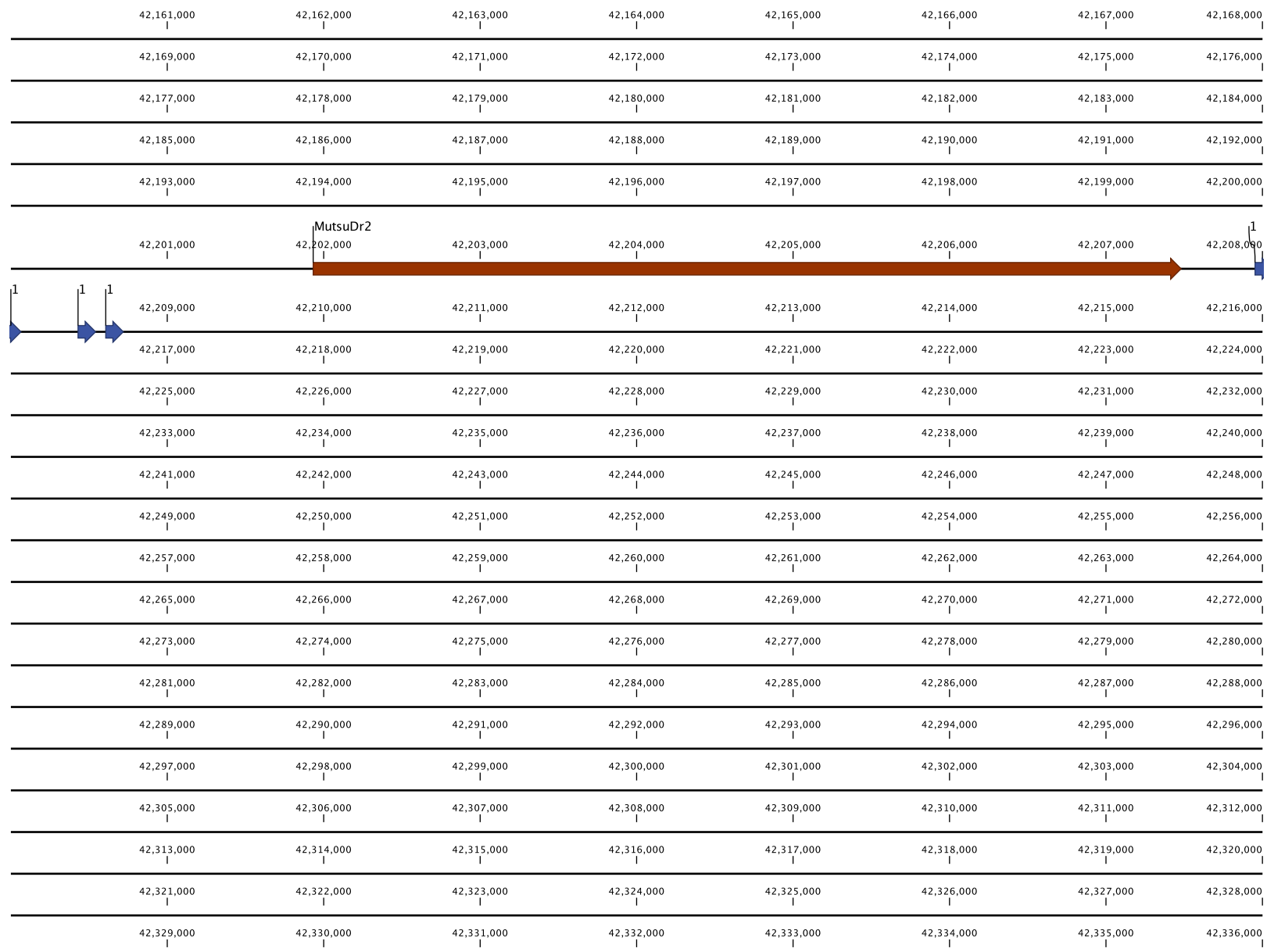
Supplemental Figure S8

41,793,000	41,794,000	41,795,000	41,796,000	41,797,000	41,798,000	41,799,000	41,800,000
41,801,000	41,802,000	41,803,000	41,804,000	41,805,000	41,806,000	41,807,000	41,808,000
41,809,000	41,810,000	41,811,000	41,812,000	41,813,000	41,814,000	41,815,000	41,816,000
41,817,000	41,818,000	41,819,000	41,820,000	41,821,000	41,822,000	41,823,000	41,824,000
41,825,000	41,826,000	41,827,000	41,828,000	41,829,000	41,830,000	41,831,000	41,832,000
41,833,000	41,834,000	41,835,000	41,836,000	41,837,000	41,838,000	41,839,000	41,840,000
41,841,000	41,842,000	41,843,000	41,844,000	41,845,000	41,846,000	41,847,000	41,848,000
41,849,000	41,850,000	41,851,000	41,852,000	41,853,000	41,854,000	41,855,000	41,856,000
41,857,000	41,858,000	41,859,000	41,860,000	41,861,000	41,862,000	41,863,000	41,864,000
41,865,000	41,866,000	41,867,000	41,868,000	41,869,000	41,870,000	41,871,000	41,872,000
41,873,000	41,874,000	41,875,000	41,876,000	41,877,000	41,878,000	41,879,000	41,880,000
41,881,000	41,882,000	41,883,000	41,884,000	41,885,000	41,886,000	41,887,000	41,888,000
41,889,000	41,890,000	41,891,000	41,892,000	41,893,000	41,894,000	41,895,000	41,896,000
41,897,000	41,898,000	41,899,000	41,900,000	41,901,000	41,902,000	41,903,000	41,904,000
41,905,000	41,906,000	41,907,000	41,908,000	41,909,000	41,910,000	41,911,000	41,912,000
41,913,000	41,914,000	41,915,000	41,916,000	41,917,000	41,918,000	41,919,000	41,920,000
41,921,000	41,922,000	41,923,000	41,924,000	41,925,000	41,926,000	41,927,000	41,928,000
41,929,000	41,930,000	41,931,000	41,932,000	41,933,000	41,934,000	41,935,000	41,936,000
41,937,000	41,938,000	41,939,000	41,940,000	41,941,000	41,942,000	41,943,000	41,944,000
41,945,000	41,946,000	41,947,000	41,948,000	41,949,000	41,950,000	41,951,000	41,952,000
41,953,000	41,954,000	41,955,000	41,956,000	41,957,000	41,958,000	41,959,000	41,960,000
41,961,000	41,962,000	41,963,000	41,964,000	41,965,000	41,966,000	41,967,000	41,968,000
41,969,000	41,970,000	41,971,000	41,972,000	41,973,000	41,974,000	41,975,000	41,976,000

Supplemental Figure S8

41,977,000	41,978,000	41,979,000	41,980,000	41,981,000	41,982,000	41,983,000	41,984,000
41,985,000	41,986,000	41,987,000	41,988,000	41,989,000	41,990,000	41,991,000	41,992,000
41,993,000	41,994,000	41,995,000	41,996,000	41,997,000	41,998,000	41,999,000	42,000,000
42,001,000	42,002,000	42,003,000	42,004,000	42,005,000	42,006,000	42,007,000	42,008,000
42,009,000	42,010,000	42,011,000	42,012,000	42,013,000	42,014,000	42,015,000	42,016,000
42,017,000	42,018,000	42,019,000	42,020,000	42,021,000	42,022,000	42,023,000	42,024,000
42,025,000	42,026,000	42,027,000	42,028,000	42,029,000	42,030,000	42,031,000	42,032,000
42,033,000	42,034,000	42,035,000	42,036,000	42,037,000	42,038,000	42,039,000	42,040,000
42,041,000	42,042,000	42,043,000	42,044,000	42,045,000	42,046,000	42,047,000	42,048,000
42,049,000	42,050,000	42,051,000	42,052,000	42,053,000	42,054,000	42,055,000	42,056,000
42,057,000	42,058,000	42,059,000	42,060,000	42,061,000	42,062,000	42,063,000	42,064,000
42,065,000	42,066,000	42,067,000	42,068,000	42,069,000	42,070,000	42,071,000	42,072,000
42,073,000	42,074,000	42,075,000	42,076,000	42,077,000	42,078,000	42,079,000	42,080,000
42,081,000	42,082,000	42,083,000	42,084,000	42,085,000	42,086,000	42,087,000	42,088,000
42,089,000	42,090,000	42,091,000	42,092,000	42,093,000	42,094,000	42,095,000	42,096,000
42,097,000	42,098,000	42,099,000	42,100,000	42,101,000	42,102,000	42,103,000	42,104,000
42,105,000	42,106,000	42,107,000	42,108,000	42,109,000	42,110,000	42,111,000	42,112,000
42,113,000	42,114,000	42,115,000	42,116,000	42,117,000	42,118,000	42,119,000	42,120,000
42,121,000	42,122,000	42,123,000	42,124,000	42,125,000	42,126,000	42,127,000	42,128,000
42,129,000	42,130,000	42,131,000	42,132,000	42,133,000	42,134,000	42,135,000	42,136,000
42,137,000	42,138,000	42,139,000	42,140,000	42,141,000	42,142,000	42,143,000	42,144,000
42,145,000	42,146,000	42,147,000	42,148,000	42,149,000	42,150,000	42,151,000	42,152,000
42,153,000	42,154,000	42,155,000	42,156,000	42,157,000	42,158,000	42,159,000	42,160,000

Supplemental Figure S8



Supplemental Figure S8

42,337,000	42,338,000	42,339,000	42,340,000	42,341,000	42,342,000	42,343,000	42,344,000
42,345,000	42,346,000	42,347,000	42,348,000	42,349,000	42,350,000	42,351,000	42,352,000
42,353,000	42,354,000	42,355,000	42,356,000	42,357,000	42,358,000	42,359,000	42,360,000
42,361,000	42,362,000	42,363,000	42,364,000	42,365,000	42,366,000	42,367,000	42,368,000
42,369,000	42,370,000	42,371,000	42,372,000	42,373,000	42,374,000	42,375,000	42,376,000
42,377,000	42,378,000	42,379,000	42,380,000	42,381,000	42,382,000	42,383,000	42,384,000
42,385,000	42,386,000	42,387,000	42,388,000	42,389,000	42,390,000	42,391,000	42,392,000
42,393,000	42,394,000	42,395,000	42,396,000	42,397,000	42,398,000	42,399,000	42,400,000
42,401,000	42,402,000	42,403,000	42,404,000	42,405,000	42,406,000	42,407,000	42,408,000
42,409,000	42,410,000	42,411,000	42,412,000	42,413,000	42,414,000	42,415,000	42,416,000
42,417,000	42,418,000	42,419,000	42,420,000	42,421,000	42,422,000	42,423,000	42,424,000
42,425,000	42,426,000	42,427,000	42,428,000	42,429,000	42,430,000	42,431,000	42,432,000
42,433,000	42,434,000	42,435,000	42,436,000	42,437,000	42,438,000	42,439,000	42,440,000
42,441,000	42,442,000	42,443,000	42,444,000	42,445,000	42,446,000	42,447,000	42,448,000
42,449,000	42,450,000	42,451,000	42,452,000	42,453,000	42,454,000	42,455,000	42,456,000
42,457,000	42,458,000	42,459,000	42,460,000	42,461,000	42,462,000	42,463,000	42,464,000
42,465,000	42,466,000	42,467,000	42,468,000	42,469,000	42,470,000	42,471,000	42,472,000
42,473,000	42,474,000	42,475,000	42,476,000	42,477,000	42,478,000	42,479,000	42,480,000
42,481,000	42,482,000	42,483,000	42,484,000	42,485,000	42,486,000	42,487,000	42,488,000
42,489,000	42,490,000	42,491,000	42,492,000	42,493,000	42,494,000	42,495,000	42,496,000
42,497,000	42,498,000	42,499,000	42,500,000	42,501,000	42,502,000	42,503,000	42,504,000
42,505,000	42,506,000	42,507,000	42,508,000	42,509,000	42,510,000	42,511,000	42,512,000
42,513,000	42,514,000	42,515,000	42,516,000	42,517,000	42,518,000	42,519,000	42,520,000

Supplemental Figure S8

42,521,000	42,522,000	42,523,000	42,524,000	42,525,000	42,526,000	42,527,000	42,528,000
42,529,000	42,530,000	42,531,000	42,532,000	42,533,000	42,534,000	42,535,000	42,536,000
42,537,000	42,538,000	42,539,000	42,540,000	42,541,000	42,542,000	42,543,000	42,544,000
42,545,000	42,546,000	42,547,000	42,548,000	42,549,000	42,550,000	42,551,000	42,552,000
42,553,000	42,554,000	42,555,000	42,556,000	42,557,000	42,558,000	42,559,000	42,560,000
42,561,000	42,562,000	42,563,000	42,564,000	42,565,000	42,566,000	42,567,000	42,568,000
42,569,000	42,570,000	42,571,000	42,572,000	42,573,000	42,574,000	42,575,000	42,576,000
42,577,000	42,578,000	42,579,000	42,580,000	42,581,000	42,582,000	42,583,000	42,584,000
42,585,000	42,586,000	42,587,000	42,588,000	42,589,000	42,590,000	42,591,000	42,592,000
42,593,000	42,594,000	42,595,000	42,596,000	42,597,000	42,598,000	42,599,000	42,600,000
42,601,000	42,602,000	42,603,000	42,604,000	42,605,000	42,606,000	42,607,000	42,608,000
42,609,000	42,610,000	42,611,000	42,612,000	42,613,000	42,614,000	42,615,000	42,616,000
42,617,000	42,618,000	42,619,000	42,620,000	42,621,000	42,622,000	42,623,000	42,624,000
42,625,000	42,626,000	42,627,000	42,628,000	42,629,000	42,630,000	42,631,000	42,632,000
42,633,000	42,634,000	42,635,000	42,636,000	42,637,000	42,638,000	42,639,000	42,640,000
42,641,000	42,642,000	42,643,000	42,644,000	42,645,000	42,646,000	42,647,000	42,648,000
42,649,000	42,650,000	42,651,000	42,652,000	42,653,000	42,654,000	42,655,000	42,656,000
42,657,000	42,658,000	42,659,000	42,660,000	42,661,000	42,662,000	42,663,000	42,664,000
42,665,000	42,666,000	42,667,000	42,668,000	42,669,000	42,670,000	42,671,000	42,672,000
42,673,000	42,674,000	42,675,000	42,676,000	42,677,000	42,678,000	42,679,000	42,680,000
42,681,000	42,682,000	42,683,000	42,684,000	42,685,000	42,686,000	42,687,000	42,688,000
42,689,000	42,690,000	42,691,000	42,692,000	42,693,000	42,694,000	42,695,000	42,696,000
42,697,000	42,698,000	42,699,000	42,700,000	42,701,000	42,702,000	42,703,000	42,704,000

Supplemental Figure S8

42,705,000	42,706,000	42,707,000	42,708,000	42,709,000	42,710,000	42,711,000	42,712,000
42,713,000	42,714,000	42,715,000	42,716,000	42,717,000	42,718,000	42,719,000	42,720,000
42,721,000	42,722,000	42,723,000	42,724,000	42,725,000	42,726,000	42,727,000	42,728,000
42,729,000	42,730,000	42,731,000	42,732,000	42,733,000	42,734,000	42,735,000	42,736,000
42,737,000	42,738,000	42,739,000	42,740,000	42,741,000	42,742,000	42,743,000	42,744,000
42,745,000	42,746,000	42,747,000	42,748,000	42,749,000	42,750,000	42,751,000	42,752,000
42,753,000	42,754,000	42,755,000	42,756,000	42,757,000	42,758,000	42,759,000	42,760,000
42,761,000	42,762,000	42,763,000	42,764,000	42,765,000	42,766,000	42,767,000	42,768,000
42,769,000	42,770,000	42,771,000	42,772,000	42,773,000	42,774,000	42,775,000	42,776,000
42,777,000	42,778,000	42,779,000	42,780,000	42,781,000	42,782,000	42,783,000	42,784,000
42,785,000	42,786,000	42,787,000	42,788,000	42,789,000	42,790,000	42,791,000	42,792,000
42,793,000	42,794,000	42,795,000	42,796,000	42,797,000	42,798,000	42,799,000	42,800,000
42,801,000	42,802,000	42,803,000	42,804,000	42,805,000	42,806,000	42,807,000	42,808,000
42,809,000	42,810,000	42,811,000	42,812,000	42,813,000	42,814,000	42,815,000	42,816,000
42,817,000	42,818,000	42,819,000	42,820,000	42,821,000	42,822,000	42,823,000	42,824,000
42,825,000	42,826,000	42,827,000	42,828,000	42,829,000	42,830,000	42,831,000	42,832,000
42,833,000	42,834,000	42,835,000	42,836,000	42,837,000	42,838,000	42,839,000	42,840,000
42,841,000	42,842,000	42,843,000	42,844,000	42,845,000	42,846,000	42,847,000	42,848,000
42,849,000	42,850,000	42,851,000	42,852,000	42,853,000	42,854,000	42,855,000	42,856,000
42,857,000	42,858,000	42,859,000	42,860,000	42,861,000	42,862,000	42,863,000	42,864,000
42,865,000	42,866,000	42,867,000	42,868,000	42,869,000	42,870,000	42,871,000	42,872,000
42,873,000	42,874,000	42,875,000	42,876,000	42,877,000	42,878,000	42,879,000	42,880,000
42,881,000	42,882,000	42,883,000	42,884,000	42,885,000	42,886,000	42,887,000	42,888,000

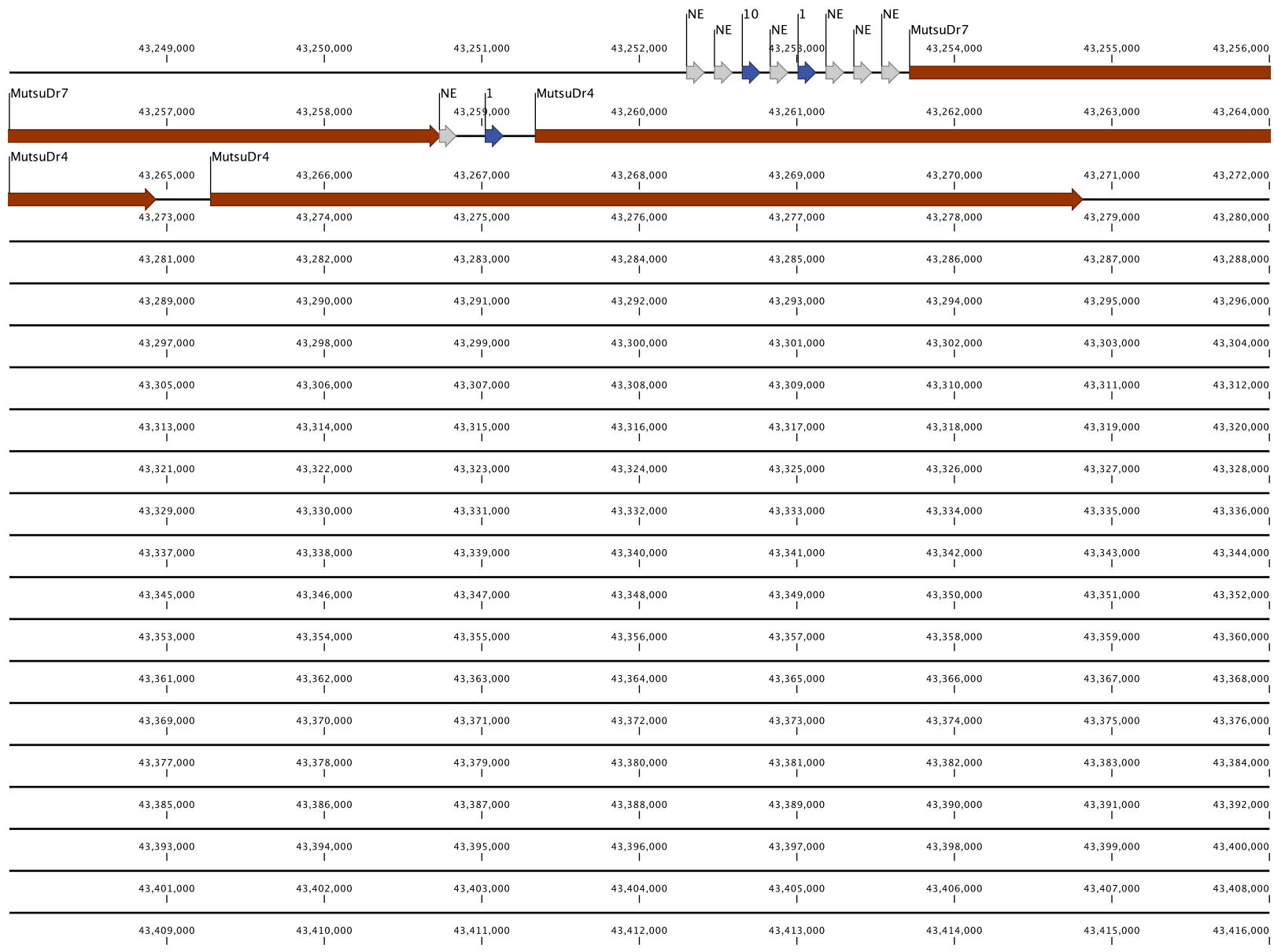
Supplemental Figure S8

42,889,000	42,890,000	42,891,000	42,892,000	42,893,000	42,894,000	42,895,000	42,896,000
42,897,000	42,898,000	42,899,000	42,900,000	42,901,000	42,902,000	42,903,000	42,904,000
42,905,000	42,906,000	42,907,000	42,908,000	42,909,000	42,910,000	42,911,000	42,912,000
42,913,000	42,914,000	42,915,000	42,916,000	42,917,000	42,918,000	42,919,000	42,920,000
42,921,000	42,922,000	42,923,000	42,924,000	42,925,000	42,926,000	42,927,000	42,928,000
42,929,000	42,930,000	42,931,000	42,932,000	42,933,000	42,934,000	42,935,000	42,936,000
42,937,000	42,938,000	42,939,000	42,940,000	42,941,000	42,942,000	42,943,000	42,944,000
42,945,000	42,946,000	42,947,000	42,948,000	42,949,000	42,950,000	42,951,000	42,952,000
42,953,000	42,954,000	42,955,000	42,956,000	42,957,000	42,958,000	42,959,000	42,960,000
42,961,000	42,962,000	42,963,000	42,964,000	42,965,000	42,966,000	42,967,000	42,968,000
42,969,000	42,970,000	42,971,000	42,972,000	42,973,000	42,974,000	42,975,000	42,976,000
42,977,000	42,978,000	42,979,000	42,980,000	42,981,000	42,982,000	42,983,000	42,984,000
42,985,000	42,986,000	42,987,000	42,988,000	42,989,000	42,990,000	42,991,000	42,992,000
42,993,000	42,994,000	42,995,000	42,996,000	42,997,000	42,998,000	42,999,000	43,000,000
43,001,000	43,002,000	43,003,000	43,004,000	43,005,000	43,006,000	43,007,000	43,008,000
43,009,000	43,010,000	43,011,000	43,012,000	43,013,000	43,014,000	43,015,000	43,016,000
43,017,000	43,018,000	43,019,000	43,020,000	43,021,000	43,022,000	43,023,000	43,024,000
43,025,000	43,026,000	43,027,000	43,028,000	43,029,000	43,030,000	43,031,000	43,032,000
43,033,000	43,034,000	43,035,000	43,036,000	43,037,000	43,038,000	43,039,000	43,040,000
43,041,000	43,042,000	43,043,000	43,044,000	43,045,000	43,046,000	43,047,000	43,048,000
43,049,000	43,050,000	43,051,000	43,052,000	43,053,000	43,054,000	43,055,000	43,056,000
43,057,000	43,058,000	43,059,000	43,060,000	43,061,000	43,062,000	43,063,000	43,064,000
43,065,000	43,066,000	43,067,000	43,068,000	43,069,000	43,070,000	43,071,000	43,072,000

Supplemental Figure S8

43,073,000	43,074,000	43,075,000	43,076,000	43,077,000	43,078,000	43,079,000	43,080,000
43,081,000	43,082,000	43,083,000	43,084,000	43,085,000	43,086,000	43,087,000	43,088,000
43,089,000	43,090,000	43,091,000	43,092,000	43,093,000	43,094,000	43,095,000	43,096,000
43,097,000	43,098,000	43,099,000	43,100,000	43,101,000	43,102,000	43,103,000	43,104,000
43,105,000	43,106,000	43,107,000	43,108,000	43,109,000	43,110,000	43,111,000	43,112,000
43,113,000	43,114,000	43,115,000	43,116,000	43,117,000	43,118,000	43,119,000	43,120,000
43,121,000	43,122,000	43,123,000	43,124,000	43,125,000	43,126,000	43,127,000	43,128,000
43,129,000	43,130,000	43,131,000	43,132,000	43,133,000	43,134,000	43,135,000	43,136,000
43,137,000	43,138,000	43,139,000	43,140,000	43,141,000	43,142,000	43,143,000	43,144,000
43,145,000	43,146,000	43,147,000	43,148,000	43,149,000	43,150,000	43,151,000	43,152,000
43,153,000	43,154,000	43,155,000	43,156,000	43,157,000	43,158,000	43,159,000	43,160,000
43,161,000	43,162,000	43,163,000	43,164,000	43,165,000	43,166,000	43,167,000	43,168,000
43,169,000	43,170,000	43,171,000	43,172,000	43,173,000	43,174,000	43,175,000	43,176,000
43,177,000	43,178,000	43,179,000	43,180,000	43,181,000	43,182,000	43,183,000	43,184,000
43,185,000	43,186,000	43,187,000	43,188,000	43,189,000	43,190,000	43,191,000	43,192,000
43,193,000	43,194,000	43,195,000	43,196,000	43,197,000	43,198,000	43,199,000	43,200,000
43,201,000	43,202,000	43,203,000	43,204,000	43,205,000	43,206,000	43,207,000	43,208,000
43,209,000	43,210,000	43,211,000	43,212,000	43,213,000	43,214,000	43,215,000	43,216,000
43,217,000	43,218,000	43,219,000	43,220,000	43,221,000	43,222,000	43,223,000	43,224,000
43,225,000	43,226,000	43,227,000	43,228,000	43,229,000	43,230,000	43,231,000	43,232,000
43,233,000	43,234,000	43,235,000	43,236,000	43,237,000	43,238,000	43,239,000	43,240,000
43,241,000	43,242,000	43,243,000	43,244,000	43,245,000	43,246,000	43,247,000	43,248,000

Supplemental Figure S8



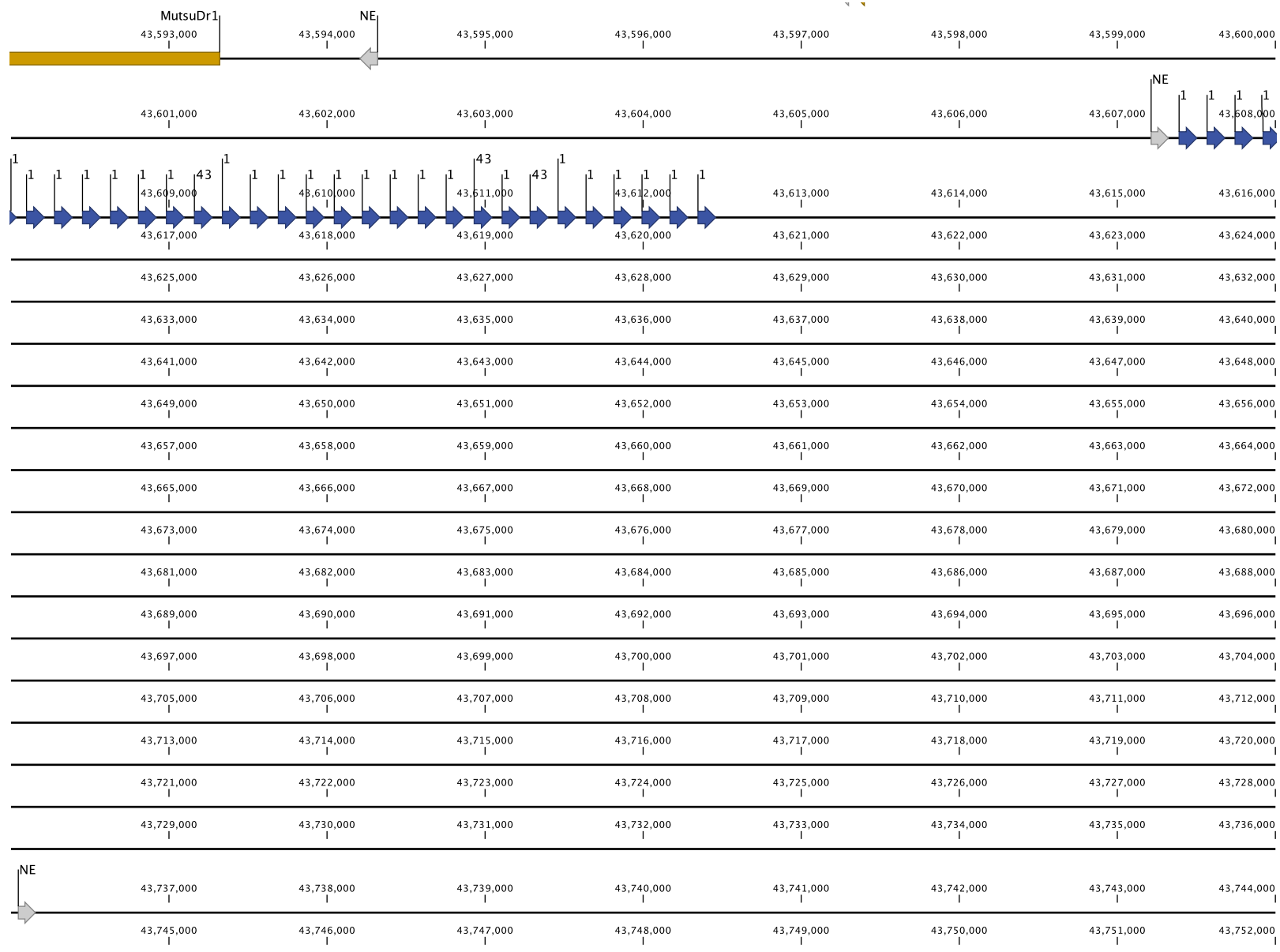
Supplemental Figure S8

43,417,000	43,418,000	43,419,000	43,420,000	43,421,000	43,422,000	43,423,000	43,424,000
43,425,000	43,426,000	43,427,000	43,428,000	43,429,000	43,430,000	43,431,000	43,432,000
43,433,000	43,434,000	43,435,000	43,436,000	43,437,000	43,438,000	43,439,000	43,440,000
43,441,000	43,442,000	43,443,000	43,444,000	43,445,000	43,446,000	43,447,000	43,448,000
43,449,000	43,450,000	43,451,000	43,452,000	43,453,000	43,454,000	43,455,000	43,456,000
43,457,000	43,458,000	43,459,000	43,460,000	43,461,000	43,462,000	43,463,000	43,464,000
43,465,000	43,466,000	43,467,000	43,468,000	43,469,000	43,470,000	43,471,000	43,472,000
43,473,000	43,474,000	43,475,000	43,476,000	43,477,000	43,478,000	43,479,000	43,480,000
43,481,000	43,482,000	43,483,000	43,484,000	43,485,000	43,486,000	43,487,000	43,488,000
43,489,000	43,490,000	43,491,000	43,492,000	43,493,000	43,494,000	43,495,000	43,496,000
43,497,000	43,498,000	43,499,000	43,500,000	43,501,000	43,502,000	43,503,000	43,504,000
43,505,000	43,506,000	43,507,000	43,508,000	43,509,000	43,510,000	43,511,000	43,512,000
43,513,000	43,514,000	43,515,000	43,516,000	43,517,000	43,518,000	43,519,000	43,520,000
43,521,000	43,522,000	43,523,000	43,524,000	43,525,000	43,526,000	43,527,000	43,528,000
43,529,000	43,530,000	43,531,000	43,532,000	43,533,000	43,534,000	43,535,000	43,536,000
43,537,000	43,538,000	43,539,000	43,540,000	43,541,000	43,542,000	43,543,000	43,544,000
43,545,000	43,546,000	43,547,000	43,548,000	43,549,000	43,550,000	43,551,000	43,552,000
43,553,000	43,554,000	43,555,000	43,556,000	43,557,000	43,558,000	43,559,000	43,560,000
43,561,000	43,562,000	43,563,000	43,564,000	43,565,000	43,566,000	43,567,000	43,568,000
43,569,000	43,570,000	43,571,000	43,572,000	43,573,000	43,574,000	43,575,000	43,576,000
43,577,000	43,578,000	43,579,000	43,580,000	43,581,000	43,582,000	43,583,000	43,584,000
43,585,000	43,586,000	43,587,000	43,588,000	43,589,000	43,590,000	43,591,000	43,592,000

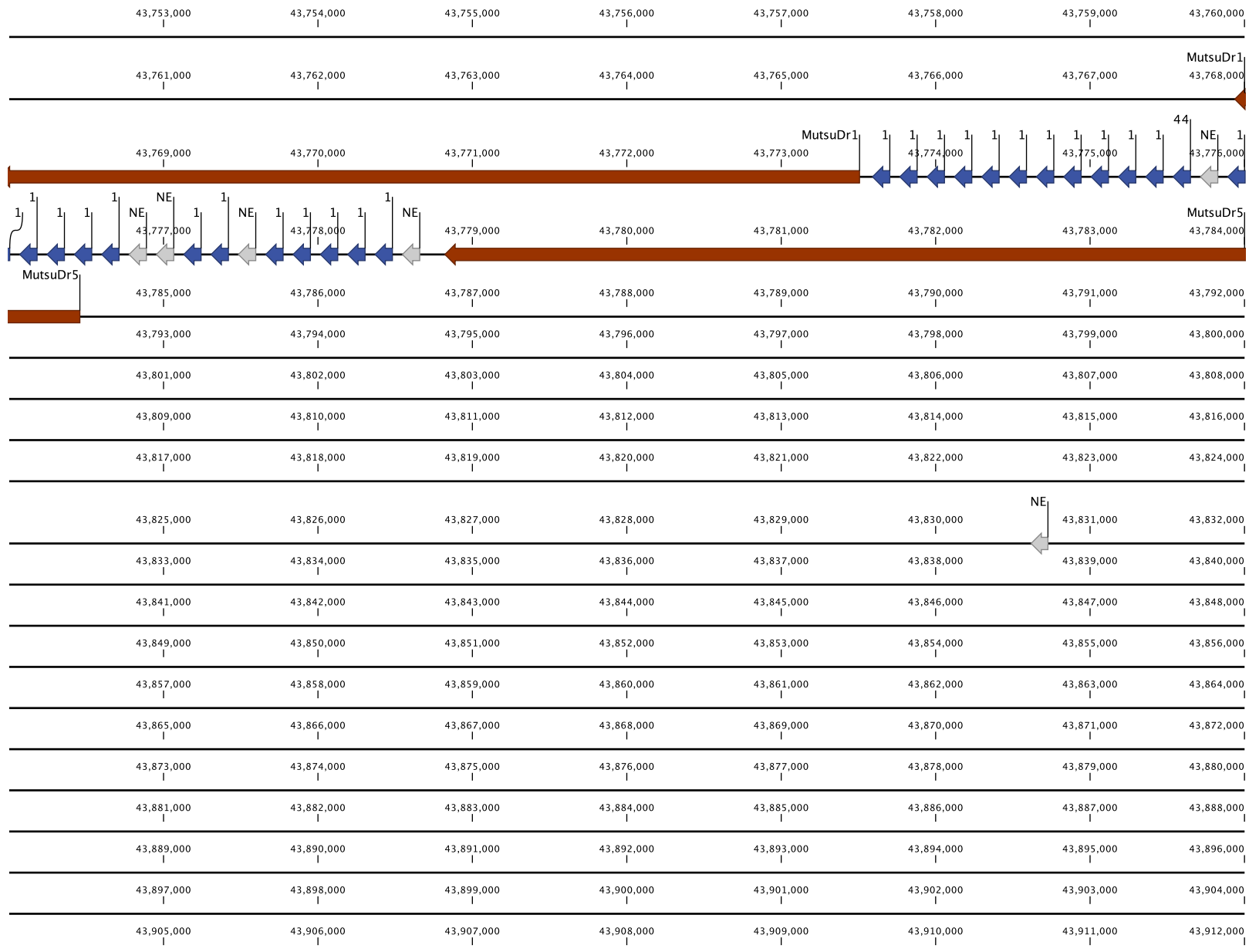
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Supplemental Figure S8



Supplemental Figure S8



Supplemental Figure S8

43,913,000	43,914,000	43,915,000	43,916,000	43,917,000	43,918,000	43,919,000	43,920,000
43,921,000	43,922,000	43,923,000	43,924,000	43,925,000	43,926,000	43,927,000	43,928,000
43,929,000	43,930,000	43,931,000	43,932,000	43,933,000	43,934,000	43,935,000	43,936,000
43,937,000	43,938,000	43,939,000	43,940,000	43,941,000	43,942,000	43,943,000	43,944,000
43,945,000	43,946,000	43,947,000	43,948,000	43,949,000	43,950,000	43,951,000	43,952,000
43,953,000	43,954,000	43,955,000	43,956,000	43,957,000	43,958,000	43,959,000	43,960,000
43,961,000	43,962,000	43,963,000	43,964,000	43,965,000	43,966,000	43,967,000	43,968,000
43,969,000	43,970,000	43,971,000	43,972,000	43,973,000	43,974,000	43,975,000	43,976,000
43,977,000	43,978,000	43,979,000	43,980,000	43,981,000	43,982,000	43,983,000	43,984,000
43,985,000	43,986,000	43,987,000	43,988,000	43,989,000	43,990,000	43,991,000	43,992,000
43,993,000	43,994,000	43,995,000	43,996,000	43,997,000	43,998,000	43,999,000	44,000,000
44,001,000	44,002,000	44,003,000	44,004,000	44,005,000	44,006,000	44,007,000	44,008,000
44,009,000	44,010,000	44,011,000	44,012,000	44,013,000	44,014,000	44,015,000	44,016,000
44,017,000	44,018,000	44,019,000	44,020,000	44,021,000	44,022,000	44,023,000	44,024,000
44,025,000	44,026,000	44,027,000	44,028,000	44,029,000	44,030,000	44,031,000	44,032,000
44,033,000	44,034,000	44,035,000	44,036,000	44,037,000	44,038,000	44,039,000	44,040,000
44,041,000	44,042,000	44,043,000	44,044,000	44,045,000	44,046,000	44,047,000	44,048,000
44,049,000	44,050,000	44,051,000	44,052,000	44,053,000	44,054,000	44,055,000	44,056,000
44,057,000	44,058,000	44,059,000	44,060,000	44,061,000	44,062,000	44,063,000	44,064,000
44,065,000	44,066,000	44,067,000	44,068,000	44,069,000	44,070,000	44,071,000	44,072,000
44,073,000	44,074,000	44,075,000	44,076,000	44,077,000	44,078,000	44,079,000	44,080,000
44,081,000	44,082,000	44,083,000	44,084,000	44,085,000	44,086,000	44,087,000	44,088,000
44,089,000	44,090,000	44,091,000	44,092,000	44,093,000	44,094,000	44,095,000	44,096,000

Supplemental Figure S8

44,097,000	44,098,000	44,099,000	44,100,000	44,101,000	44,102,000	44,103,000	44,104,000
44,105,000	44,106,000	44,107,000	44,108,000	44,109,000	44,110,000	44,111,000	44,112,000
44,113,000	44,114,000	44,115,000	44,116,000	44,117,000	44,118,000	44,119,000	44,120,000
44,121,000	44,122,000	44,123,000	44,124,000	44,125,000	44,126,000	44,127,000	44,128,000
44,129,000	44,130,000	44,131,000	44,132,000	44,133,000	44,134,000	44,135,000	44,136,000
44,137,000	44,138,000	44,139,000	44,140,000	44,141,000	44,142,000	44,143,000	44,144,000
44,145,000	44,146,000	44,147,000	44,148,000	44,149,000	44,150,000	44,151,000	44,152,000
44,153,000	44,154,000	44,155,000	44,156,000	44,157,000	44,158,000	44,159,000	44,160,000
44,161,000	44,162,000	44,163,000	44,164,000	44,165,000	44,166,000	44,167,000	44,168,000
44,169,000	44,170,000	44,171,000	44,172,000	44,173,000	44,174,000	44,175,000	44,176,000
44,177,000	44,178,000	44,179,000	44,180,000	44,181,000	44,182,000	44,183,000	44,184,000
44,185,000	44,186,000	44,187,000	44,188,000	44,189,000	44,190,000	44,191,000	44,192,000
44,193,000	44,194,000	44,195,000	44,196,000	44,197,000	44,198,000	44,199,000	44,200,000
44,201,000	44,202,000	44,203,000	44,204,000	44,205,000	44,206,000	44,207,000	44,208,000
44,209,000	44,210,000	44,211,000	44,212,000	44,213,000	44,214,000	44,215,000	44,216,000
44,217,000	44,218,000	44,219,000	44,220,000	44,221,000	44,222,000	44,223,000	44,224,000
44,225,000	44,226,000	44,227,000	44,228,000	44,229,000	44,230,000	44,231,000	44,232,000
44,233,000	44,234,000	44,235,000	44,236,000	44,237,000	44,238,000	44,239,000	44,240,000
44,241,000	44,242,000	44,243,000	44,244,000	44,245,000	44,246,000	44,247,000	44,248,000
44,249,000	44,250,000	44,251,000	44,252,000	44,253,000	44,254,000	44,255,000	44,256,000
44,257,000	44,258,000	44,259,000	44,260,000	44,261,000	44,262,000	44,263,000	44,264,000
44,265,000	44,266,000	44,267,000	44,268,000	44,269,000	44,270,000	44,271,000	44,272,000
44,273,000	44,274,000	44,275,000	44,276,000	44,277,000	44,278,000	44,279,000	44,280,000

Supplemental Figure S8

44,281,000	44,282,000	44,283,000	44,284,000	44,285,000	44,286,000	44,287,000	44,288,000
44,289,000	44,290,000	44,291,000	44,292,000	44,293,000	44,294,000	44,295,000	44,296,000
44,297,000	44,298,000	44,299,000	44,300,000	44,301,000	44,302,000	44,303,000	44,304,000
44,305,000	44,306,000	44,307,000	44,308,000	44,309,000	44,310,000	44,311,000	44,312,000
44,313,000	44,314,000	44,315,000	44,316,000	44,317,000	44,318,000	44,319,000	44,320,000
44,321,000	44,322,000	44,323,000	44,324,000	44,325,000	44,326,000	44,327,000	44,328,000
44,329,000	44,330,000	44,331,000	44,332,000	44,333,000	44,334,000	44,335,000	44,336,000
44,337,000	44,338,000	44,339,000	44,340,000	44,341,000	44,342,000	44,343,000	44,344,000
44,345,000	44,346,000	44,347,000	44,348,000	44,349,000	44,350,000	44,351,000	44,352,000
44,353,000	44,354,000	44,355,000	44,356,000	44,357,000	44,358,000	44,359,000	44,360,000
44,361,000	44,362,000	44,363,000	44,364,000	44,365,000	44,366,000	44,367,000	44,368,000
44,369,000	44,370,000	44,371,000	44,372,000	44,373,000	44,374,000	44,375,000	44,376,000
44,377,000	44,378,000	44,379,000	44,380,000	44,381,000	44,382,000	44,383,000	44,384,000
44,385,000	44,386,000	44,387,000	44,388,000	44,389,000	44,390,000	44,391,000	44,392,000
44,393,000	44,394,000	44,395,000	44,396,000	44,397,000	44,398,000	44,399,000	44,400,000
44,401,000	44,402,000	44,403,000	44,404,000	44,405,000	44,406,000	44,407,000	44,408,000
44,409,000	44,410,000	44,411,000	44,412,000	44,413,000	44,414,000	44,415,000	44,416,000
44,417,000	44,418,000	44,419,000	44,420,000	44,421,000	44,422,000	44,423,000	44,424,000
44,425,000	44,426,000	44,427,000	44,428,000	44,429,000	44,430,000	44,431,000	44,432,000
44,433,000	44,434,000	44,435,000	44,436,000	44,437,000	44,438,000	44,439,000	44,440,000
44,441,000	44,442,000	44,443,000	44,444,000	44,445,000	44,446,000	44,447,000	44,448,000
44,449,000	44,450,000	44,451,000	44,452,000	44,453,000	44,454,000	44,455,000	44,456,000
44,457,000	44,458,000	44,459,000	44,460,000	44,461,000	44,462,000	44,463,000	44,464,000



Supplemental Figure S8

44,465,000	44,466,000	44,467,000	44,468,000	44,469,000	44,470,000	44,471,000	44,472,000
44,473,000	44,474,000	44,475,000	44,476,000	44,477,000	44,478,000	44,479,000	44,480,000
44,481,000	44,482,000	44,483,000	44,484,000	44,485,000	44,486,000	44,487,000	44,488,000
44,489,000	44,490,000	44,491,000	44,492,000	44,493,000	44,494,000	44,495,000	44,496,000
44,497,000	44,498,000	44,499,000	44,500,000	44,501,000	44,502,000	44,503,000	44,504,000
44,505,000	44,506,000	44,507,000	44,508,000	44,509,000	44,510,000	44,511,000	44,512,000
44,513,000	44,514,000	44,515,000	44,516,000	44,517,000	44,518,000	44,519,000	44,520,000
44,521,000	44,522,000	44,523,000	44,524,000	44,525,000	44,526,000	44,527,000	44,528,000
44,529,000	44,530,000	44,531,000	44,532,000	44,533,000	44,534,000	44,535,000	44,536,000
44,537,000	44,538,000	44,539,000	44,540,000	44,541,000	44,542,000	44,543,000	44,544,000
44,545,000	44,546,000	44,547,000	44,548,000	44,549,000	44,550,000	44,551,000	44,552,000
44,553,000	44,554,000	44,555,000	44,556,000	44,557,000	44,558,000	44,559,000	44,560,000
44,561,000	44,562,000	44,563,000	44,564,000	44,565,000	44,566,000	44,567,000	44,568,000
44,569,000	44,570,000	44,571,000	44,572,000	44,573,000	44,574,000	44,575,000	44,576,000
44,577,000	44,578,000	44,579,000	44,580,000	44,581,000	44,582,000	44,583,000	44,584,000
44,585,000	44,586,000	44,587,000	44,588,000	44,589,000	44,590,000	44,591,000	44,592,000
44,593,000	44,594,000	44,595,000	44,596,000	44,597,000	44,598,000	44,599,000	44,600,000
44,601,000	44,602,000	44,603,000	44,604,000	44,605,000	44,606,000	44,607,000	44,608,000
44,609,000	44,610,000	44,611,000	44,612,000	44,613,000	44,614,000	44,615,000	44,616,000
44,617,000	44,618,000	44,619,000	44,620,000	44,621,000	44,622,000	44,623,000	44,624,000
44,625,000	44,626,000	44,627,000	44,628,000	44,629,000	44,630,000	44,631,000	44,632,000
44,633,000	44,634,000	44,635,000	44,636,000	44,637,000	44,638,000	44,639,000	44,640,000
44,641,000	44,642,000	44,643,000	44,644,000	44,645,000	44,646,000	44,647,000	44,648,000

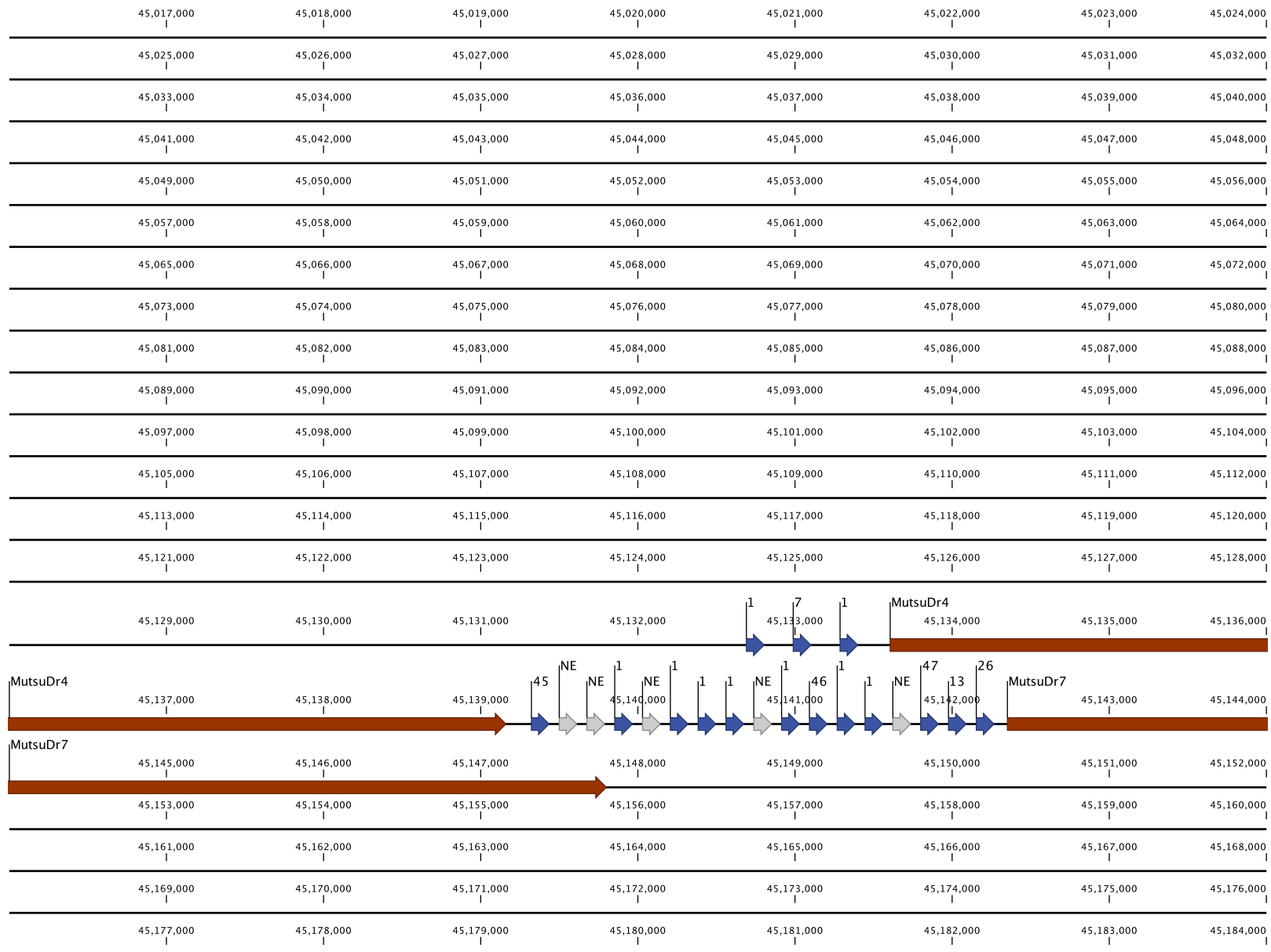
Supplemental Figure S8

44,649,000	44,650,000	44,651,000	44,652,000	44,653,000	44,654,000	44,655,000	44,656,000
44,657,000	44,658,000	44,659,000	44,660,000	44,661,000	44,662,000	44,663,000	44,664,000
44,665,000	44,666,000	44,667,000	44,668,000	44,669,000	44,670,000	44,671,000	44,672,000
44,673,000	44,674,000	44,675,000	44,676,000	44,677,000	44,678,000	44,679,000	44,680,000
44,681,000	44,682,000	44,683,000	44,684,000	44,685,000	44,686,000	44,687,000	44,688,000
44,689,000	44,690,000	44,691,000	44,692,000	44,693,000	44,694,000	44,695,000	44,696,000
44,697,000	44,698,000	44,699,000	44,700,000	44,701,000	44,702,000	44,703,000	44,704,000
44,705,000	44,706,000	44,707,000	44,708,000	44,709,000	44,710,000	44,711,000	44,712,000
44,713,000	44,714,000	44,715,000	44,716,000	44,717,000	44,718,000	44,719,000	44,720,000
44,721,000	44,722,000	44,723,000	44,724,000	44,725,000	44,726,000	44,727,000	44,728,000
44,729,000	44,730,000	44,731,000	44,732,000	44,733,000	44,734,000	44,735,000	44,736,000
44,737,000	44,738,000	44,739,000	44,740,000	44,741,000	44,742,000	44,743,000	44,744,000
44,745,000	44,746,000	44,747,000	44,748,000	44,749,000	44,750,000	44,751,000	44,752,000
44,753,000	44,754,000	44,755,000	44,756,000	44,757,000	44,758,000	44,759,000	44,760,000
44,761,000	44,762,000	44,763,000	44,764,000	44,765,000	44,766,000	44,767,000	44,768,000
44,769,000	44,770,000	44,771,000	44,772,000	44,773,000	44,774,000	44,775,000	44,776,000
44,777,000	44,778,000	44,779,000	44,780,000	44,781,000	44,782,000	44,783,000	44,784,000
44,785,000	44,786,000	44,787,000	44,788,000	44,789,000	44,790,000	44,791,000	44,792,000
44,793,000	44,794,000	44,795,000	44,796,000	44,797,000	44,798,000	44,799,000	44,800,000
44,801,000	44,802,000	44,803,000	44,804,000	44,805,000	44,806,000	44,807,000	44,808,000
44,809,000	44,810,000	44,811,000	44,812,000	44,813,000	44,814,000	44,815,000	44,816,000
44,817,000	44,818,000	44,819,000	44,820,000	44,821,000	44,822,000	44,823,000	44,824,000
44,825,000	44,826,000	44,827,000	44,828,000	44,829,000	44,830,000	44,831,000	44,832,000

Supplemental Figure S8

44,833,000	44,834,000	44,835,000	44,836,000	44,837,000	44,838,000	44,839,000	44,840,000
44,841,000	44,842,000	44,843,000	44,844,000	44,845,000	44,846,000	44,847,000	44,848,000
44,849,000	44,850,000	44,851,000	44,852,000	44,853,000	44,854,000	44,855,000	44,856,000
44,857,000	44,858,000	44,859,000	44,860,000	44,861,000	44,862,000	44,863,000	44,864,000
44,865,000	44,866,000	44,867,000	44,868,000	44,869,000	44,870,000	44,871,000	44,872,000
44,873,000	44,874,000	44,875,000	44,876,000	44,877,000	44,878,000	44,879,000	44,880,000
44,881,000	44,882,000	44,883,000	44,884,000	44,885,000	44,886,000	44,887,000	44,888,000
44,889,000	44,890,000	44,891,000	44,892,000	44,893,000	44,894,000	44,895,000	44,896,000
44,897,000	44,898,000	44,899,000	44,900,000	44,901,000	44,902,000	44,903,000	44,904,000
44,905,000	44,906,000	44,907,000	44,908,000	44,909,000	44,910,000	44,911,000	44,912,000
44,913,000	44,914,000	44,915,000	44,916,000	44,917,000	44,918,000	44,919,000	44,920,000
44,921,000	44,922,000	44,923,000	44,924,000	44,925,000	44,926,000	44,927,000	44,928,000
44,929,000	44,930,000	44,931,000	44,932,000	44,933,000	44,934,000	44,935,000	44,936,000
44,937,000	44,938,000	44,939,000	44,940,000	44,941,000	44,942,000	44,943,000	44,944,000
44,945,000	44,946,000	44,947,000	44,948,000	44,949,000	44,950,000	44,951,000	44,952,000
44,953,000	44,954,000	44,955,000	44,956,000	44,957,000	44,958,000	44,959,000	44,960,000
44,961,000	44,962,000	44,963,000	44,964,000	44,965,000	44,966,000	44,967,000	44,968,000
44,969,000	44,970,000	44,971,000	44,972,000	44,973,000	44,974,000	44,975,000	44,976,000
44,977,000	44,978,000	44,979,000	44,980,000	44,981,000	44,982,000	44,983,000	44,984,000
44,985,000	44,986,000	44,987,000	44,988,000	44,989,000	44,990,000	44,991,000	44,992,000
44,993,000	44,994,000	44,995,000	44,996,000	44,997,000	44,998,000	44,999,000	45,000,000
45,001,000	45,002,000	45,003,000	45,004,000	45,005,000	45,006,000	45,007,000	45,008,000
45,009,000	45,010,000	45,011,000	45,012,000	45,013,000	45,014,000	45,015,000	45,016,000

Supplemental Figure S8



Supplemental Figure S8

45,185,000	45,186,000	45,187,000	45,188,000	45,189,000	45,190,000	45,191,000	45,192,000
45,193,000	45,194,000	45,195,000	45,196,000	45,197,000	45,198,000	45,199,000	45,200,000
45,201,000	45,202,000	45,203,000	45,204,000	45,205,000	45,206,000	45,207,000	45,208,000
45,209,000	45,210,000	45,211,000	45,212,000	45,213,000	45,214,000	45,215,000	45,216,000
45,217,000	45,218,000	45,219,000	45,220,000	45,221,000	45,222,000	45,223,000	45,224,000
45,225,000	45,226,000	45,227,000	45,228,000	45,229,000	45,230,000	45,231,000	45,232,000
45,233,000	45,234,000	45,235,000	45,236,000	45,237,000	45,238,000	45,239,000	45,240,000
45,241,000	45,242,000	45,243,000	45,244,000	45,245,000	45,246,000	45,247,000	45,248,000
45,249,000	45,250,000	45,251,000	45,252,000	45,253,000	45,254,000	45,255,000	45,256,000
45,257,000	45,258,000	45,259,000	45,260,000	45,261,000	45,262,000	45,263,000	45,264,000
45,265,000	45,266,000	45,267,000	45,268,000	45,269,000	45,270,000	45,271,000	45,272,000
45,273,000	45,274,000	45,275,000	45,276,000	45,277,000	45,278,000	45,279,000	45,280,000
45,281,000	45,282,000	45,283,000	45,284,000	45,285,000	45,286,000	45,287,000	45,288,000
45,289,000	45,290,000	45,291,000	45,292,000	45,293,000	45,294,000	45,295,000	45,296,000
45,297,000	45,298,000	45,299,000	45,300,000	45,301,000	45,302,000	45,303,000	45,304,000
45,305,000	45,306,000	45,307,000	45,308,000	45,309,000	45,310,000	45,311,000	45,312,000
45,313,000	45,314,000	45,315,000	45,316,000	45,317,000	45,318,000	45,319,000	45,320,000
45,321,000	45,322,000	45,323,000	45,324,000	45,325,000	45,326,000	45,327,000	45,328,000
45,329,000	45,330,000	45,331,000	45,332,000	45,333,000	45,334,000	45,335,000	45,336,000
45,337,000	45,338,000	45,339,000	45,340,000	45,341,000	45,342,000	45,343,000	45,344,000
45,345,000	45,346,000	45,347,000	45,348,000	45,349,000	45,350,000	45,351,000	45,352,000
45,353,000	45,354,000	45,355,000	45,356,000	45,357,000	45,358,000	45,359,000	45,360,000
45,361,000	45,362,000	45,363,000	45,364,000	45,365,000	45,366,000	45,367,000	45,368,000

NE


Supplemental Figure S8

45,369,000	45,370,000	45,371,000	45,372,000	45,373,000	45,374,000	45,375,000	45,376,000
45,377,000	45,378,000	45,379,000	45,380,000	45,381,000	45,382,000	45,383,000	45,384,000
45,385,000	45,386,000	45,387,000	45,388,000	45,389,000	45,390,000	45,391,000	45,392,000
45,393,000	45,394,000	45,395,000	45,396,000	45,397,000	45,398,000	45,399,000	45,400,000
45,401,000	45,402,000	45,403,000	45,404,000	45,405,000	45,406,000	45,407,000	45,408,000
45,409,000	45,410,000	45,411,000	45,412,000	45,413,000	45,414,000	45,415,000	45,416,000
45,417,000	45,418,000	45,419,000	45,420,000	45,421,000	45,422,000	45,423,000	45,424,000
45,425,000	45,426,000	45,427,000	45,428,000	45,429,000	45,430,000	45,431,000	45,432,000
45,433,000	45,434,000	45,435,000	45,436,000	45,437,000	45,438,000	45,439,000	45,440,000
45,441,000	45,442,000	45,443,000	45,444,000	45,445,000	45,446,000	45,447,000	45,448,000
45,449,000	45,450,000	45,451,000	45,452,000	45,453,000	45,454,000	45,455,000	45,456,000
45,457,000	45,458,000	45,459,000	45,460,000	45,461,000	45,462,000	45,463,000	45,464,000
45,465,000	45,466,000	45,467,000	45,468,000	45,469,000	45,470,000	45,471,000	45,472,000
45,473,000	45,474,000	45,475,000	45,476,000	45,477,000	45,478,000	45,479,000	45,480,000
45,481,000	45,482,000	45,483,000	45,484,000	45,485,000	45,486,000	45,487,000	45,488,000
45,489,000	45,490,000	45,491,000	45,492,000	45,493,000	45,494,000	45,495,000	45,496,000
45,497,000	45,498,000	45,499,000	45,500,000	45,501,000	45,502,000	45,503,000	45,504,000
45,505,000	45,506,000	45,507,000	45,508,000	45,509,000	45,510,000	45,511,000	45,512,000
45,513,000	45,514,000	45,515,000	45,516,000	45,517,000	45,518,000	45,519,000	45,520,000
45,521,000	45,522,000	45,523,000	45,524,000	45,525,000	45,526,000	45,527,000	45,528,000
45,529,000	45,530,000	45,531,000	45,532,000	45,533,000	45,534,000	45,535,000	45,536,000
45,537,000	45,538,000	45,539,000	45,540,000	45,541,000	45,542,000	45,543,000	45,544,000
45,545,000	45,546,000	45,547,000	45,548,000	45,549,000	45,550,000	45,551,000	45,552,000

Supplemental Figure S8

45,553,000	45,554,000	45,555,000	45,556,000	45,557,000	45,558,000	45,559,000	45,560,000
45,561,000	45,562,000	45,563,000	45,564,000	45,565,000	45,566,000	45,567,000	45,568,000
45,569,000	45,570,000	45,571,000	45,572,000	45,573,000	45,574,000	45,575,000	45,576,000
45,577,000	45,578,000	45,579,000	45,580,000	45,581,000	45,582,000	45,583,000	45,584,000
45,585,000	45,586,000	45,587,000	45,588,000	45,589,000	45,590,000	45,591,000	45,592,000
45,593,000	45,594,000	45,595,000	45,596,000	45,597,000	45,598,000	45,599,000	45,600,000
45,601,000	45,602,000	45,603,000	45,604,000	45,605,000	45,606,000	45,607,000	45,608,000
45,609,000	45,610,000	45,611,000	45,612,000	45,613,000	45,614,000	45,615,000	45,616,000
45,617,000	45,618,000	45,619,000	45,620,000	45,621,000	45,622,000	45,623,000	45,624,000
45,625,000	45,626,000	45,627,000	45,628,000	45,629,000	45,630,000	45,631,000	45,632,000
45,633,000	45,634,000	45,635,000	45,636,000	45,637,000	45,638,000	45,639,000	45,640,000
45,641,000	45,642,000	45,643,000	45,644,000	45,645,000	45,646,000	45,647,000	45,648,000
45,649,000	45,650,000	45,651,000	45,652,000	45,653,000	45,654,000	45,655,000	45,656,000
45,657,000	45,658,000	45,659,000	45,660,000	45,661,000	45,662,000	45,663,000	45,664,000
45,665,000	45,666,000	45,667,000	45,668,000	45,669,000	45,670,000	45,671,000	45,672,000
45,673,000	45,674,000	45,675,000	45,676,000	45,677,000	45,678,000	45,679,000	45,680,000
45,681,000	45,682,000	45,683,000	45,684,000	45,685,000	45,686,000	45,687,000	45,688,000
45,689,000	45,690,000	45,691,000	45,692,000	45,693,000	45,694,000	45,695,000	45,696,000
45,697,000	45,698,000	45,699,000	45,700,000	45,701,000	45,702,000	45,703,000	45,704,000
45,705,000	45,706,000	45,707,000	45,708,000	45,709,000	45,710,000	45,711,000	45,712,000
45,713,000	45,714,000	45,715,000	45,716,000	45,717,000	45,718,000	45,719,000	45,720,000
45,721,000	45,722,000	45,723,000	45,724,000	45,725,000	45,726,000	45,727,000	45,728,000
45,729,000	45,730,000	45,731,000	45,732,000	45,733,000	45,734,000	45,735,000	45,736,000

Supplemental Figure S8

45,737,000	45,738,000	45,739,000	45,740,000	45,741,000	45,742,000	45,743,000	45,744,000
45,745,000	45,746,000	45,747,000	45,748,000	45,749,000	45,750,000	45,751,000	45,752,000
45,753,000	45,754,000	45,755,000	45,756,000	45,757,000	45,758,000	45,759,000	45,760,000
45,761,000	45,762,000	45,763,000	45,764,000	45,765,000	45,766,000	45,767,000	45,768,000
45,769,000	45,770,000	45,771,000	45,772,000	45,773,000	45,774,000	45,775,000	45,776,000
45,777,000	45,778,000	45,779,000	45,780,000	45,781,000	45,782,000	45,783,000	45,784,000
45,785,000	45,786,000	45,787,000	45,788,000	45,789,000	45,790,000	45,791,000	45,792,000
45,793,000	45,794,000	45,795,000	45,796,000	45,797,000	45,798,000	45,799,000	45,800,000
45,801,000	45,802,000	45,803,000	45,804,000	45,805,000	45,806,000	45,807,000	45,808,000
45,809,000	45,810,000	45,811,000	45,812,000	45,813,000	45,814,000	45,815,000	45,816,000
45,817,000	45,818,000	45,819,000	45,820,000	45,821,000	45,822,000	45,823,000	45,824,000
45,825,000	45,826,000	45,827,000	45,828,000	45,829,000	45,830,000	45,831,000	45,832,000
45,833,000	45,834,000	45,835,000	45,836,000	45,837,000	45,838,000	45,839,000	45,840,000
45,841,000	45,842,000	45,843,000	45,844,000	45,845,000	45,846,000	45,847,000	45,848,000
45,849,000	45,850,000	45,851,000	45,852,000	45,853,000	45,854,000	45,855,000	45,856,000
45,857,000	45,858,000	45,859,000	45,860,000	45,861,000	45,862,000	45,863,000	45,864,000
45,865,000	45,866,000	45,867,000	45,868,000	45,869,000	45,870,000	45,871,000	45,872,000
45,873,000	45,874,000	45,875,000	45,876,000	45,877,000	45,878,000	45,879,000	45,880,000
45,881,000	45,882,000	45,883,000	45,884,000	45,885,000	45,886,000	45,887,000	45,888,000
45,889,000	45,890,000	45,891,000	45,892,000	45,893,000	45,894,000	45,895,000	45,896,000
45,897,000	45,898,000	45,899,000	45,900,000	45,901,000	45,902,000	45,903,000	45,904,000
45,905,000	45,906,000	45,907,000	45,908,000	45,909,000	45,910,000	45,911,000	45,912,000
45,913,000	45,914,000	45,915,000	45,916,000	45,917,000	45,918,000	45,919,000	45,920,000

Supplemental Figure S8

45,921,000	45,922,000	45,923,000	45,924,000	45,925,000	45,926,000	45,927,000	45,928,000
45,929,000	45,930,000	45,931,000	45,932,000	45,933,000	45,934,000	45,935,000	45,936,000
45,937,000	45,938,000	45,939,000	45,940,000	45,941,000	45,942,000	45,943,000	45,944,000
45,945,000	45,946,000	45,947,000	45,948,000	45,949,000	45,950,000	45,951,000	45,952,000
45,953,000	45,954,000	45,955,000	45,956,000	45,957,000	45,958,000	45,959,000	45,960,000
45,961,000	45,962,000	45,963,000	45,964,000	45,965,000	45,966,000	45,967,000	45,968,000
45,969,000	45,970,000	45,971,000	45,972,000	45,973,000	45,974,000	45,975,000	45,976,000
45,977,000	45,978,000	45,979,000	45,980,000	45,981,000	45,982,000	45,983,000	45,984,000
45,985,000	45,986,000	45,987,000	45,988,000	45,989,000	45,990,000	45,991,000	45,992,000
45,993,000	45,994,000	45,995,000	45,996,000	45,997,000	45,998,000	45,999,000	46,000,000
46,001,000	46,002,000	46,003,000	46,004,000	46,005,000	46,006,000	46,007,000	46,008,000
46,009,000	46,010,000	46,011,000	46,012,000	46,013,000	46,014,000	46,015,000	46,016,000
46,017,000	46,018,000	46,019,000	46,020,000	46,021,000	46,022,000	46,023,000	46,024,000
46,025,000	46,026,000	46,027,000	46,028,000	46,029,000	46,030,000	46,031,000	46,032,000
46,033,000	46,034,000	46,035,000	46,036,000	46,037,000	46,038,000	46,039,000	46,040,000
46,041,000	46,042,000	46,043,000	46,044,000	46,045,000	46,046,000	46,047,000	46,048,000
46,049,000	46,050,000	46,051,000	46,052,000	46,053,000	46,054,000	46,055,000	46,056,000
46,057,000	46,058,000	46,059,000	46,060,000	46,061,000	46,062,000	46,063,000	46,064,000
46,065,000	46,066,000	46,067,000	46,068,000	46,069,000	46,070,000	46,071,000	46,072,000
46,073,000	46,074,000	46,075,000	46,076,000	46,077,000	46,078,000	46,079,000	46,080,000
46,081,000	46,082,000	46,083,000	46,084,000	46,085,000	46,086,000	46,087,000	46,088,000
46,089,000	46,090,000	46,091,000	46,092,000	46,093,000	46,094,000	46,095,000	46,096,000
46,097,000	46,098,000	46,099,000	46,100,000	46,101,000	46,102,000	46,103,000	46,104,000

NE



Supplemental Figure S8

46,105,000	46,106,000	46,107,000	46,108,000	46,109,000	46,110,000	46,111,000	46,112,000
46,113,000	46,114,000	46,115,000	46,116,000	46,117,000	46,118,000	46,119,000	46,120,000
46,121,000	46,122,000	46,123,000	46,124,000	46,125,000	46,126,000	46,127,000	46,128,000
46,129,000	46,130,000	46,131,000	46,132,000	46,133,000	46,134,000	46,135,000	46,136,000
46,137,000	46,138,000	46,139,000	46,140,000	46,141,000	46,142,000	46,143,000	46,144,000
46,145,000	46,146,000	46,147,000	46,148,000	46,149,000	46,150,000	46,151,000	46,152,000
46,153,000	46,154,000	46,155,000	46,156,000	46,157,000	46,158,000	46,159,000	46,160,000
46,161,000	46,162,000	46,163,000	46,164,000	46,165,000	46,166,000	46,167,000	46,168,000
46,169,000	46,170,000	46,171,000	46,172,000	46,173,000	46,174,000	46,175,000	46,176,000
46,177,000	46,178,000	46,179,000	46,180,000	46,181,000	46,182,000	46,183,000	46,184,000
46,185,000	46,186,000	46,187,000	46,188,000	46,189,000	46,190,000	46,191,000	46,192,000
46,193,000	46,194,000	46,195,000	46,196,000	46,197,000	46,198,000	46,199,000	46,200,000
46,201,000	46,202,000	46,203,000	46,204,000	46,205,000	46,206,000	46,207,000	46,208,000
46,209,000	46,210,000	46,211,000	46,212,000	46,213,000	46,214,000	46,215,000	46,216,000
46,217,000	46,218,000	46,219,000	46,220,000	46,221,000	46,222,000	46,223,000	46,224,000
46,225,000	46,226,000	46,227,000	46,228,000	46,229,000	46,230,000	46,231,000	46,232,000
46,233,000	46,234,000	46,235,000	46,236,000	46,237,000	46,238,000	46,239,000	46,240,000
46,241,000	46,242,000	46,243,000	46,244,000	46,245,000	46,246,000	46,247,000	46,248,000
46,249,000	46,250,000	46,251,000	46,252,000	46,253,000	46,254,000	46,255,000	46,256,000
46,257,000	46,258,000	46,259,000	46,260,000	46,261,000	46,262,000	46,263,000	46,264,000
46,265,000	46,266,000	46,267,000	46,268,000	46,269,000	46,270,000	46,271,000	46,272,000
46,273,000	46,274,000	46,275,000	46,276,000	46,277,000	46,278,000	46,279,000	46,280,000
46,281,000	46,282,000	46,283,000	46,284,000	46,285,000	46,286,000	46,287,000	46,288,000

NE



Supplemental Figure S8

46,289,000	46,290,000	46,291,000	46,292,000	46,293,000	46,294,000	46,295,000	46,296,000
46,297,000	46,298,000	46,299,000	46,300,000	46,301,000	46,302,000	46,303,000	46,304,000
46,305,000	46,306,000	46,307,000	46,308,000	46,309,000	46,310,000	46,311,000	46,312,000
46,313,000	46,314,000	46,315,000	46,316,000	46,317,000	46,318,000	46,319,000	46,320,000
46,321,000	46,322,000	46,323,000	46,324,000	46,325,000	46,326,000	46,327,000	46,328,000
46,329,000	46,330,000	46,331,000	46,332,000	46,333,000	46,334,000	46,335,000	46,336,000
46,337,000	46,338,000	46,339,000	46,340,000	46,341,000	46,342,000	46,343,000	46,344,000
46,345,000	46,346,000	46,347,000	46,348,000	46,349,000	46,350,000	46,351,000	46,352,000
46,353,000	46,354,000	46,355,000	46,356,000	46,357,000	46,358,000	46,359,000	46,360,000
46,361,000	46,362,000	46,363,000	46,364,000	46,365,000	46,366,000	46,367,000	46,368,000
46,369,000	46,370,000	46,371,000	46,372,000	46,373,000	46,374,000	46,375,000	46,376,000
46,377,000	46,378,000	46,379,000	46,380,000	46,381,000	46,382,000	46,383,000	46,384,000
46,385,000	46,386,000	46,387,000	46,388,000	46,389,000	46,390,000	46,391,000	46,392,000
46,393,000	46,394,000	46,395,000	46,396,000	46,397,000	46,398,000	46,399,000	46,400,000
46,401,000	46,402,000	46,403,000	46,404,000	46,405,000	46,406,000	46,407,000	46,408,000
46,409,000	46,410,000	46,411,000	46,412,000	46,413,000	46,414,000	46,415,000	46,416,000
46,417,000	46,418,000	46,419,000	46,420,000	46,421,000	46,422,000	46,423,000	46,424,000
46,425,000	46,426,000	46,427,000	46,428,000	46,429,000	46,430,000	46,431,000	46,432,000
46,433,000	46,434,000	46,435,000	46,436,000	46,437,000	46,438,000	46,439,000	46,440,000
46,441,000	46,442,000	46,443,000	46,444,000	46,445,000	46,446,000	46,447,000	46,448,000
46,449,000	46,450,000	46,451,000	46,452,000	46,453,000	46,454,000	46,455,000	46,456,000
46,457,000	46,458,000	46,459,000	46,460,000	46,461,000	46,462,000	46,463,000	46,464,000

NE



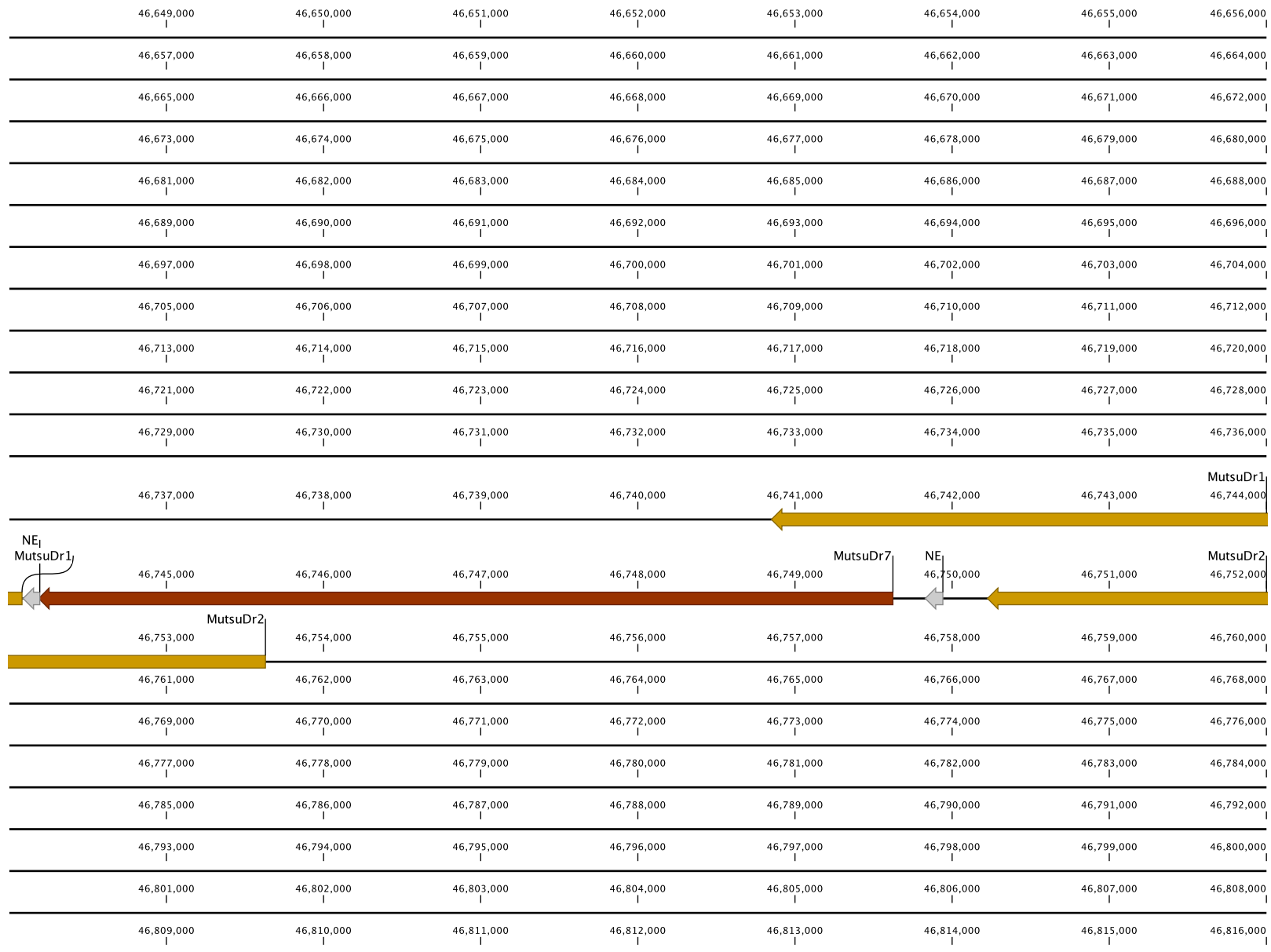
NE



Supplemental Figure S8

46,465,000	46,466,000	46,467,000	46,468,000	46,469,000	46,470,000	46,471,000	46,472,000
46,473,000	46,474,000	46,475,000	46,476,000	46,477,000	46,478,000	46,479,000	46,480,000
46,481,000	46,482,000	46,483,000	46,484,000	46,485,000	46,486,000	46,487,000	46,488,000
46,489,000	46,490,000	46,491,000	46,492,000	46,493,000	46,494,000	46,495,000	46,496,000
46,497,000	46,498,000	46,499,000	46,500,000	46,501,000	46,502,000	46,503,000	46,504,000
46,505,000	46,506,000	46,507,000	46,508,000	46,509,000	46,510,000	46,511,000	46,512,000
46,513,000	46,514,000	46,515,000	46,516,000	46,517,000	46,518,000	46,519,000	46,520,000
46,521,000	46,522,000	46,523,000	46,524,000	46,525,000	46,526,000	46,527,000	46,528,000
46,529,000	46,530,000	46,531,000	46,532,000	46,533,000	46,534,000	46,535,000	46,536,000
46,537,000	46,538,000	46,539,000	46,540,000	46,541,000	46,542,000	46,543,000	46,544,000
46,545,000	46,546,000	46,547,000	46,548,000	46,549,000	46,550,000	46,551,000	46,552,000
46,553,000	46,554,000	46,555,000	46,556,000	46,557,000	46,558,000	46,559,000	46,560,000
46,561,000	46,562,000	46,563,000	46,564,000	46,565,000	46,566,000	46,567,000	46,568,000
46,569,000	46,570,000	46,571,000	46,572,000	46,573,000	46,574,000	46,575,000	46,576,000
46,577,000	46,578,000	46,579,000	46,580,000	46,581,000	46,582,000	46,583,000	46,584,000
46,585,000	46,586,000	46,587,000	46,588,000	46,589,000	46,590,000	46,591,000	46,592,000
46,593,000	46,594,000	46,595,000	46,596,000	46,597,000	46,598,000	46,599,000	46,600,000
46,601,000	46,602,000	46,603,000	46,604,000	46,605,000	46,606,000	46,607,000	46,608,000
46,609,000	46,610,000	46,611,000	46,612,000	46,613,000	46,614,000	46,615,000	46,616,000
46,617,000	46,618,000	46,619,000	46,620,000	46,621,000	46,622,000	46,623,000	46,624,000
46,625,000	46,626,000	46,627,000	46,628,000	46,629,000	46,630,000	46,631,000	46,632,000
46,633,000	46,634,000	46,635,000	46,636,000	46,637,000	46,638,000	46,639,000	46,640,000
46,641,000	46,642,000	46,643,000	46,644,000	46,645,000	46,646,000	46,647,000	46,648,000

Supplemental Figure S8



Supplemental Figure S8

46,817,000	46,818,000	46,819,000	46,820,000	46,821,000	46,822,000	46,823,000	46,824,000
46,825,000	46,826,000	46,827,000	46,828,000	46,829,000	46,830,000	46,831,000	46,832,000
46,833,000	46,834,000	46,835,000	46,836,000	46,837,000	46,838,000	46,839,000	46,840,000
46,841,000	46,842,000	46,843,000	46,844,000	46,845,000	46,846,000	46,847,000	46,848,000
46,849,000	46,850,000	46,851,000	46,852,000	46,853,000	46,854,000	46,855,000	46,856,000
46,857,000	46,858,000	46,859,000	46,860,000	46,861,000	46,862,000	46,863,000	46,864,000
46,865,000	46,866,000	46,867,000	46,868,000	46,869,000	46,870,000	46,871,000	46,872,000
46,873,000	46,874,000	46,875,000	46,876,000	46,877,000	46,878,000	46,879,000	46,880,000
46,881,000	46,882,000	46,883,000	46,884,000	46,885,000	46,886,000	46,887,000	46,888,000
46,889,000	46,890,000	46,891,000	46,892,000	46,893,000	46,894,000	46,895,000	46,896,000
46,897,000	46,898,000	46,899,000	46,900,000	46,901,000	46,902,000	46,903,000	46,904,000
46,905,000	46,906,000	46,907,000	46,908,000	46,909,000	46,910,000	46,911,000	46,912,000
46,913,000	46,914,000	46,915,000	46,916,000	46,917,000	46,918,000	46,919,000	46,920,000
46,921,000	46,922,000	46,923,000	46,924,000	46,925,000	46,926,000	46,927,000	46,928,000
46,929,000	46,930,000	46,931,000	46,932,000	46,933,000	46,934,000	46,935,000	46,936,000
46,937,000	46,938,000	46,939,000	46,940,000	46,941,000	46,942,000	46,943,000	46,944,000
46,945,000	46,946,000	46,947,000	46,948,000	46,949,000	46,950,000	46,951,000	46,952,000
46,953,000	46,954,000	46,955,000	46,956,000	46,957,000	46,958,000	46,959,000	46,960,000
46,961,000	46,962,000	46,963,000	46,964,000	46,965,000	46,966,000	46,967,000	46,968,000
46,969,000	46,970,000	46,971,000	46,972,000	46,973,000	46,974,000	46,975,000	46,976,000
46,977,000	46,978,000	46,979,000	46,980,000	46,981,000	46,982,000	46,983,000	46,984,000
46,985,000	46,986,000	46,987,000	46,988,000	46,989,000	46,990,000	46,991,000	46,992,000
46,993,000	46,994,000	46,995,000	46,996,000	46,997,000	46,998,000	46,999,000	47,000,000

Supplemental Figure S8

47,001,000	47,002,000	47,003,000	47,004,000	47,005,000	47,006,000	47,007,000	47,008,000
47,009,000	47,010,000	47,011,000	47,012,000	47,013,000	47,014,000	47,015,000	47,016,000
47,017,000	47,018,000	47,019,000	47,020,000	47,021,000	47,022,000	47,023,000	47,024,000
47,025,000	47,026,000	47,027,000	47,028,000	47,029,000	47,030,000	47,031,000	47,032,000
47,033,000	47,034,000	47,035,000	47,036,000	47,037,000	47,038,000	47,039,000	47,040,000
47,041,000	47,042,000	47,043,000	47,044,000	47,045,000	47,046,000	47,047,000	47,048,000
47,049,000	47,050,000	47,051,000	47,052,000	47,053,000	47,054,000	47,055,000	47,056,000
47,057,000	47,058,000	47,059,000	47,060,000	47,061,000	47,062,000	47,063,000	47,064,000
47,065,000	47,066,000	47,067,000	47,068,000	47,069,000	47,070,000	47,071,000	47,072,000
47,073,000	47,074,000	47,075,000	47,076,000	47,077,000	47,078,000	47,079,000	47,080,000
47,081,000	47,082,000	47,083,000	47,084,000	47,085,000	47,086,000	47,087,000	47,088,000
47,089,000	47,090,000	47,091,000	47,092,000	47,093,000	47,094,000	47,095,000	47,096,000
47,097,000	47,098,000	47,099,000	47,100,000	47,101,000	47,102,000	47,103,000	47,104,000
47,105,000	47,106,000	47,107,000	47,108,000	47,109,000	47,110,000	47,111,000	47,112,000
47,113,000	47,114,000	47,115,000	47,116,000	47,117,000	47,118,000	47,119,000	47,120,000
47,121,000	47,122,000	47,123,000	47,124,000	47,125,000	47,126,000	47,127,000	47,128,000
47,129,000	47,130,000	47,131,000	47,132,000	47,133,000	47,134,000	47,135,000	47,136,000
47,137,000	47,138,000	47,139,000	47,140,000	47,141,000	47,142,000	47,143,000	47,144,000
47,145,000	47,146,000	47,147,000	47,148,000	47,149,000	47,150,000	47,151,000	47,152,000
47,153,000	47,154,000	47,155,000	47,156,000	47,157,000	47,158,000	47,159,000	47,160,000
47,161,000	47,162,000	47,163,000	47,164,000	47,165,000	47,166,000	47,167,000	47,168,000
47,169,000	47,170,000	47,171,000	47,172,000	47,173,000	47,174,000	47,175,000	47,176,000
47,177,000	47,178,000	47,179,000	47,180,000	47,181,000	47,182,000	47,183,000	47,184,000

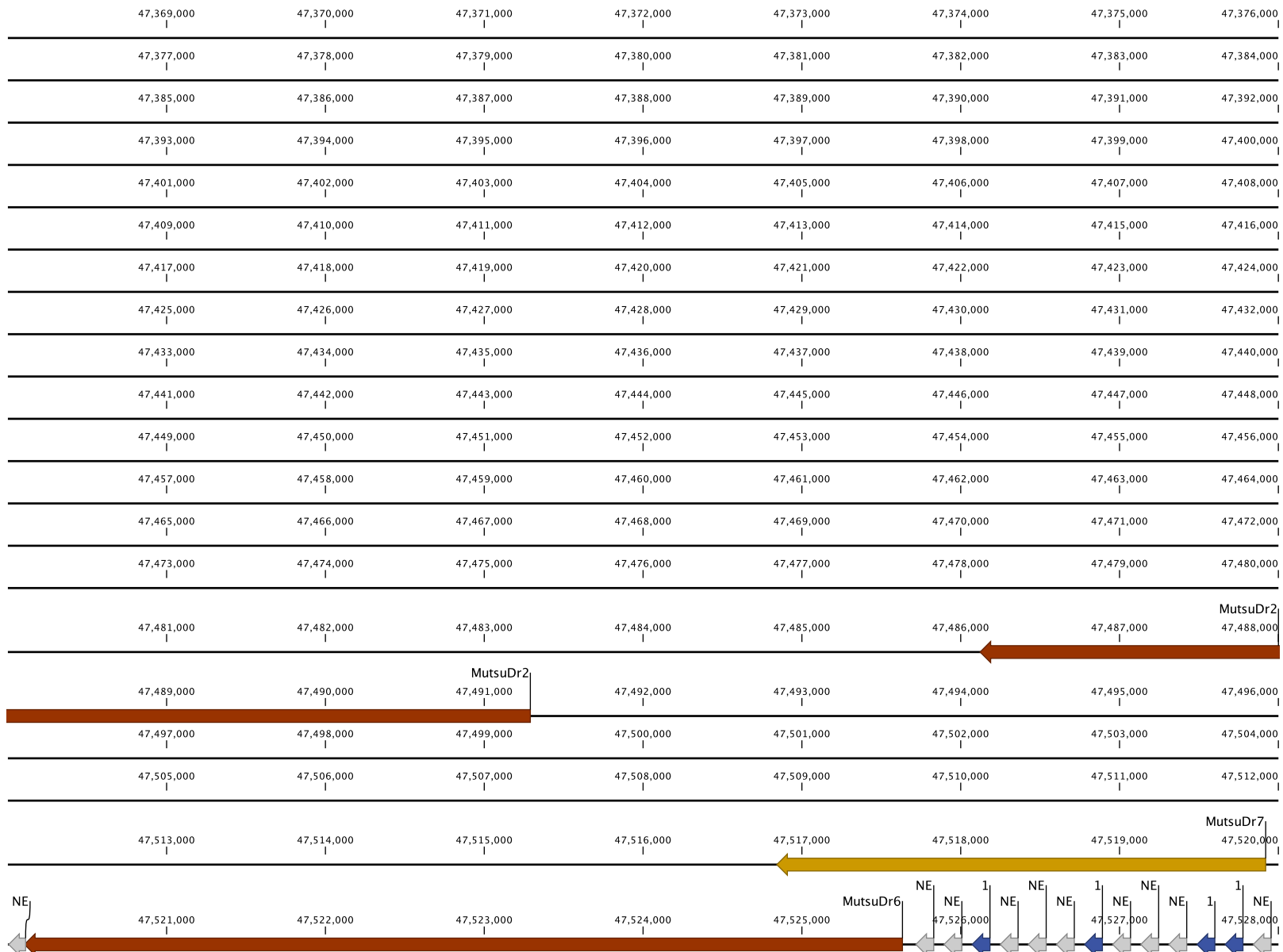
Supplemental Figure S8

47,185,000	47,186,000	47,187,000	47,188,000	47,189,000	47,190,000	47,191,000	47,192,000
47,193,000	47,194,000	47,195,000	47,196,000	47,197,000	47,198,000	47,199,000	47,200,000
47,201,000	47,202,000	47,203,000	47,204,000	47,205,000	47,206,000	47,207,000	47,208,000
47,209,000	47,210,000	47,211,000	47,212,000	47,213,000	47,214,000	47,215,000	47,216,000
47,217,000	47,218,000	47,219,000	47,220,000	47,221,000	47,222,000	47,223,000	47,224,000
47,225,000	47,226,000	47,227,000	47,228,000	47,229,000	47,230,000	47,231,000	47,232,000
47,233,000	47,234,000	47,235,000	47,236,000	47,237,000	47,238,000	47,239,000	47,240,000
47,241,000	47,242,000	47,243,000	47,244,000	47,245,000	47,246,000	47,247,000	47,248,000
47,249,000	47,250,000	47,251,000	47,252,000	47,253,000	47,254,000	47,255,000	47,256,000
47,257,000	47,258,000	47,259,000	47,260,000	47,261,000	47,262,000	47,263,000	47,264,000
47,265,000	47,266,000	47,267,000	47,268,000	47,269,000	47,270,000	47,271,000	47,272,000
47,273,000	47,274,000	47,275,000	47,276,000	47,277,000	47,278,000	47,279,000	47,280,000
47,281,000	47,282,000	47,283,000	47,284,000	47,285,000	47,286,000	47,287,000	47,288,000
47,289,000	47,290,000	47,291,000	47,292,000	47,293,000	47,294,000	47,295,000	47,296,000
47,297,000	47,298,000	47,299,000	47,300,000	47,301,000	47,302,000	47,303,000	47,304,000
47,305,000	47,306,000	47,307,000	47,308,000	47,309,000	47,310,000	47,311,000	47,312,000
47,313,000	47,314,000	47,315,000	47,316,000	47,317,000	47,318,000	47,319,000	47,320,000
47,321,000	47,322,000	47,323,000	47,324,000	47,325,000	47,326,000	47,327,000	47,328,000
47,329,000	47,330,000	47,331,000	47,332,000	47,333,000	47,334,000	47,335,000	47,336,000
47,337,000	47,338,000	47,339,000	47,340,000	47,341,000	47,342,000	47,343,000	47,344,000
47,345,000	47,346,000	47,347,000	47,348,000	47,349,000	47,350,000	47,351,000	47,352,000
47,353,000	47,354,000	47,355,000	47,356,000	47,357,000	47,358,000	47,359,000	47,360,000
47,361,000	47,362,000	47,363,000	47,364,000	47,365,000	47,366,000	47,367,000	47,368,000

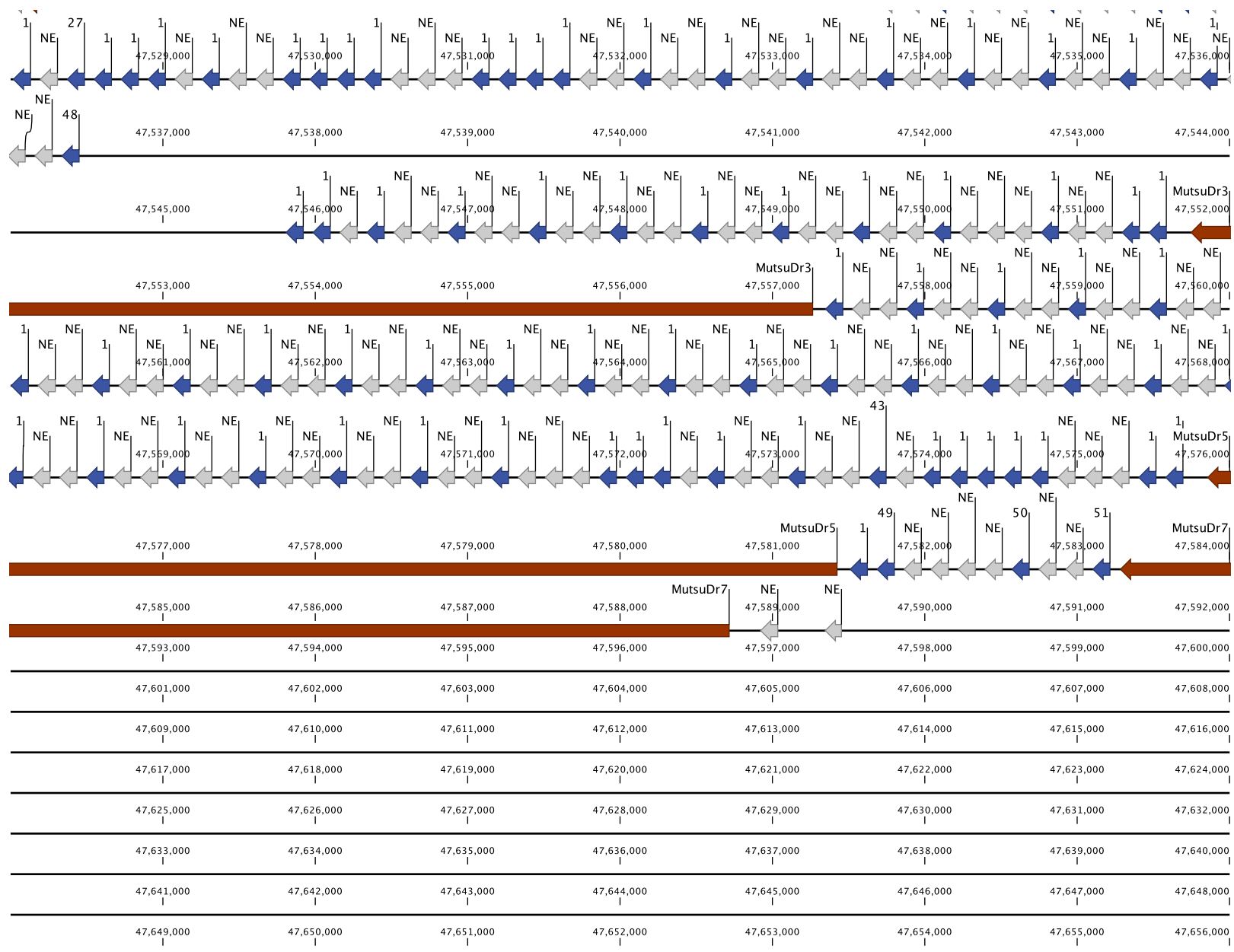
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Supplemental Figure S8



Supplemental Figure S8



Supplemental Figure S8

47,657,000	47,658,000	47,659,000	47,660,000	47,661,000	47,662,000	47,663,000	47,664,000
47,665,000	47,666,000	47,667,000	47,668,000	47,669,000	47,670,000	47,671,000	47,672,000
47,673,000	47,674,000	47,675,000	47,676,000	47,677,000	47,678,000	47,679,000	47,680,000
47,681,000	47,682,000	47,683,000	47,684,000	47,685,000	47,686,000	47,687,000	47,688,000
47,689,000	47,690,000	47,691,000	47,692,000	47,693,000	47,694,000	47,695,000	47,696,000
47,697,000	47,698,000	47,699,000	47,700,000	47,701,000	47,702,000	47,703,000	47,704,000
47,705,000	47,706,000	47,707,000	47,708,000	47,709,000	47,710,000	47,711,000	47,712,000
47,713,000	47,714,000	47,715,000	47,716,000	47,717,000	47,718,000	47,719,000	47,720,000
47,721,000	47,722,000	47,723,000	47,724,000	47,725,000	47,726,000	47,727,000	47,728,000
47,729,000	47,730,000	47,731,000	47,732,000	47,733,000	47,734,000	47,735,000	47,736,000
47,737,000	47,738,000	47,739,000	47,740,000	47,741,000	47,742,000	47,743,000	47,744,000
47,745,000	47,746,000	47,747,000	47,748,000	47,749,000	47,750,000	47,751,000	47,752,000
47,753,000	47,754,000	47,755,000	47,756,000	47,757,000	47,758,000	47,759,000	47,760,000
47,761,000	47,762,000	47,763,000	47,764,000	47,765,000	47,766,000	47,767,000	47,768,000
47,769,000	47,770,000	47,771,000	47,772,000	47,773,000	47,774,000	47,775,000	47,776,000
47,777,000	47,778,000	47,779,000	47,780,000	47,781,000	47,782,000	47,783,000	47,784,000
47,785,000	47,786,000	47,787,000	47,788,000	47,789,000	47,790,000	47,791,000	47,792,000
47,793,000	47,794,000	47,795,000	47,796,000	47,797,000	47,798,000	47,799,000	47,800,000
47,801,000	47,802,000	47,803,000	47,804,000	47,805,000	47,806,000	47,807,000	47,808,000
47,809,000	47,810,000	47,811,000	47,812,000	47,813,000	47,814,000	47,815,000	47,816,000
47,817,000	47,818,000	47,819,000	47,820,000	47,821,000	47,822,000	47,823,000	47,824,000
47,825,000	47,826,000	47,827,000	47,828,000	47,829,000	47,830,000	47,831,000	47,832,000

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Supplemental Figure S8

47,833,000	47,834,000	47,835,000	47,836,000	47,837,000	47,838,000	47,839,000	47,840,000
47,841,000	47,842,000	47,843,000	47,844,000	47,845,000	47,846,000	47,847,000	47,848,000
47,849,000	47,850,000	47,851,000	47,852,000	47,853,000	47,854,000	47,855,000	47,856,000
47,857,000	47,858,000	47,859,000	47,860,000	47,861,000	47,862,000	47,863,000	47,864,000
47,865,000	47,866,000	47,867,000	47,868,000	47,869,000	47,870,000	47,871,000	47,872,000
47,873,000	47,874,000	47,875,000	47,876,000	47,877,000	47,878,000	47,879,000	47,880,000
47,881,000	47,882,000	47,883,000	47,884,000	47,885,000	47,886,000	47,887,000	47,888,000
47,889,000	47,890,000	47,891,000	47,892,000	47,893,000	47,894,000	47,895,000	47,896,000
47,897,000	47,898,000	47,899,000	47,900,000	47,901,000	47,902,000	47,903,000	47,904,000
47,905,000	47,906,000	47,907,000	47,908,000	47,909,000	47,910,000	47,911,000	47,912,000
47,913,000	47,914,000	47,915,000	47,916,000	47,917,000	47,918,000	47,919,000	47,920,000
47,921,000	47,922,000	47,923,000	47,924,000	47,925,000	47,926,000	47,927,000	47,928,000
47,929,000	47,930,000	47,931,000	47,932,000	47,933,000	47,934,000	47,935,000	47,936,000
47,937,000	47,938,000	47,939,000	47,940,000	47,941,000	47,942,000	47,943,000	47,944,000
47,945,000	47,946,000	47,947,000	47,948,000	47,949,000	47,950,000	47,951,000	47,952,000
47,953,000	47,954,000	47,955,000	47,956,000	47,957,000	47,958,000	47,959,000	47,960,000
47,961,000	47,962,000	47,963,000	47,964,000	47,965,000	47,966,000	47,967,000	47,968,000
47,969,000	47,970,000	47,971,000	47,972,000	47,973,000	47,974,000	47,975,000	47,976,000
47,977,000	47,978,000	47,979,000	47,980,000	47,981,000	47,982,000	47,983,000	47,984,000
47,985,000	47,986,000	47,987,000	47,988,000	47,989,000	47,990,000	47,991,000	47,992,000
47,993,000	47,994,000	47,995,000	47,996,000	47,997,000	47,998,000	47,999,000	48,000,000
48,001,000	48,002,000	48,003,000	48,004,000	48,005,000	48,006,000	48,007,000	48,008,000
48,009,000	48,010,000	48,011,000	48,012,000	48,013,000	48,014,000	48,015,000	48,016,000

Supplemental Figure S8

48,017,000	48,018,000	48,019,000	48,020,000	48,021,000	48,022,000	48,023,000	48,024,000
48,025,000	48,026,000	48,027,000	48,028,000	48,029,000	48,030,000	48,031,000	48,032,000
48,033,000	48,034,000	48,035,000	48,036,000	48,037,000	48,038,000	48,039,000	48,040,000
48,041,000	48,042,000	48,043,000	48,044,000	48,045,000	48,046,000	48,047,000	48,048,000
48,049,000	48,050,000	48,051,000	48,052,000	48,053,000	48,054,000	48,055,000	48,056,000
48,057,000	48,058,000	48,059,000	48,060,000	48,061,000	48,062,000	48,063,000	48,064,000
48,065,000	48,066,000	48,067,000	48,068,000	48,069,000	48,070,000	48,071,000	48,072,000
48,073,000	48,074,000	48,075,000	48,076,000	48,077,000	48,078,000	48,079,000	48,080,000
48,081,000	48,082,000	48,083,000	48,084,000	48,085,000	48,086,000	48,087,000	48,088,000
48,089,000	48,090,000	48,091,000	48,092,000	48,093,000	48,094,000	48,095,000	48,096,000
48,097,000	48,098,000	48,099,000	48,100,000	48,101,000	48,102,000	48,103,000	48,104,000
48,105,000	48,106,000	48,107,000	48,108,000	48,109,000	48,110,000	48,111,000	48,112,000
48,113,000	48,114,000	48,115,000	48,116,000	48,117,000	48,118,000	48,119,000	48,120,000
48,121,000	48,122,000	48,123,000	48,124,000	48,125,000	48,126,000	48,127,000	48,128,000
48,129,000	48,130,000	48,131,000	48,132,000	48,133,000	48,134,000	48,135,000	48,136,000
48,137,000	48,138,000	48,139,000	48,140,000	48,141,000	48,142,000	48,143,000	48,144,000
48,145,000	48,146,000	48,147,000	48,148,000	48,149,000	48,150,000	48,151,000	48,152,000
48,153,000	48,154,000	48,155,000	48,156,000	48,157,000	48,158,000	48,159,000	48,160,000
48,161,000	48,162,000	48,163,000	48,164,000	48,165,000	48,166,000	48,167,000	48,168,000
48,169,000	48,170,000	48,171,000	48,172,000	48,173,000	48,174,000	48,175,000	48,176,000
48,177,000	48,178,000	48,179,000	48,180,000	48,181,000	48,182,000	48,183,000	48,184,000
48,185,000	48,186,000	48,187,000	48,188,000	48,189,000	48,190,000	48,191,000	48,192,000
48,193,000	48,194,000	48,195,000	48,196,000	48,197,000	48,198,000	48,199,000	48,200,000

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Supplemental Figure S8

48,201,000	48,202,000	48,203,000	48,204,000	48,205,000	48,206,000	48,207,000	48,208,000
48,209,000	48,210,000	48,211,000	48,212,000	48,213,000	48,214,000	48,215,000	48,216,000
48,217,000	48,218,000	48,219,000	48,220,000	48,221,000	48,222,000	48,223,000	48,224,000
48,225,000	48,226,000	48,227,000	48,228,000	48,229,000	48,230,000	48,231,000	48,232,000
48,233,000	48,234,000	48,235,000	48,236,000	48,237,000	48,238,000	48,239,000	48,240,000
48,241,000	48,242,000	48,243,000	48,244,000	48,245,000	48,246,000	48,247,000	48,248,000
48,249,000	48,250,000	48,251,000	48,252,000	48,253,000	48,254,000	48,255,000	48,256,000
48,257,000	48,258,000	48,259,000	48,260,000	48,261,000	48,262,000	48,263,000	48,264,000
48,265,000	48,266,000	48,267,000	48,268,000	48,269,000	48,270,000	48,271,000	48,272,000
48,273,000	48,274,000	48,275,000	48,276,000	48,277,000	48,278,000	48,279,000	48,280,000
48,281,000	48,282,000	48,283,000	48,284,000	48,285,000	48,286,000	48,287,000	48,288,000
48,289,000	48,290,000	48,291,000	48,292,000	48,293,000	48,294,000	48,295,000	48,296,000
48,297,000	48,298,000	48,299,000	48,300,000	48,301,000	48,302,000	48,303,000	48,304,000
48,305,000	48,306,000	48,307,000	48,308,000	48,309,000	48,310,000	48,311,000	48,312,000
48,313,000	48,314,000	48,315,000	48,316,000	48,317,000	48,318,000	48,319,000	48,320,000
48,321,000	48,322,000	48,323,000	48,324,000	48,325,000	48,326,000	48,327,000	48,328,000
48,329,000	48,330,000	48,331,000	48,332,000	48,333,000	48,334,000	48,335,000	48,336,000
48,337,000	48,338,000	48,339,000	48,340,000	48,341,000	48,342,000	48,343,000	48,344,000
48,345,000	48,346,000	48,347,000	48,348,000	48,349,000	48,350,000	48,351,000	48,352,000
48,353,000	48,354,000	48,355,000	48,356,000	48,357,000	48,358,000	48,359,000	48,360,000
48,361,000	48,362,000	48,363,000	48,364,000	48,365,000	48,366,000	48,367,000	48,368,000
48,369,000	48,370,000	48,371,000	48,372,000	48,373,000	48,374,000	48,375,000	48,376,000
48,377,000	48,378,000	48,379,000	48,380,000	48,381,000	48,382,000	48,383,000	48,384,000

Supplemental Figure S8

48,385,000	48,386,000	48,387,000	48,388,000	48,389,000	48,390,000	48,391,000	48,392,000
48,393,000	48,394,000	48,395,000	48,396,000	48,397,000	48,398,000	48,399,000	48,400,000
48,401,000	48,402,000	48,403,000	48,404,000	48,405,000	48,406,000	48,407,000	48,408,000
48,409,000	48,410,000	48,411,000	48,412,000	48,413,000	48,414,000	48,415,000	48,416,000
48,417,000	48,418,000	48,419,000	48,420,000	48,421,000	48,422,000	48,423,000	48,424,000
48,425,000	48,426,000	48,427,000	48,428,000	48,429,000	48,430,000	48,431,000	48,432,000
48,433,000	48,434,000	48,435,000	48,436,000	48,437,000	48,438,000	48,439,000	48,440,000
48,441,000	48,442,000	48,443,000	48,444,000	48,445,000	48,446,000	48,447,000	48,448,000
48,449,000	48,450,000	48,451,000	48,452,000	48,453,000	48,454,000	48,455,000	48,456,000
48,457,000	48,458,000	48,459,000	48,460,000	48,461,000	48,462,000	48,463,000	48,464,000
48,465,000	48,466,000	48,467,000	48,468,000	48,469,000	48,470,000	48,471,000	48,472,000
48,473,000	48,474,000	48,475,000	48,476,000	48,477,000	48,478,000	48,479,000	48,480,000
48,481,000	48,482,000	48,483,000	48,484,000	48,485,000	48,486,000	48,487,000	48,488,000
48,489,000	48,490,000	48,491,000	48,492,000	48,493,000	48,494,000	48,495,000	48,496,000
48,497,000	48,498,000	48,499,000	48,500,000	48,501,000	48,502,000	48,503,000	48,504,000
48,505,000	48,506,000	48,507,000	48,508,000	48,509,000	48,510,000	48,511,000	48,512,000
48,513,000	48,514,000	48,515,000	48,516,000	48,517,000	48,518,000	48,519,000	48,520,000
48,521,000	48,522,000	48,523,000	48,524,000	48,525,000	48,526,000	48,527,000	48,528,000
48,529,000	48,530,000	48,531,000	48,532,000	48,533,000	48,534,000	48,535,000	48,536,000
48,537,000	48,538,000	48,539,000	48,540,000	48,541,000	48,542,000	48,543,000	48,544,000
48,545,000	48,546,000	48,547,000	48,548,000	48,549,000	48,550,000	48,551,000	48,552,000
48,553,000	48,554,000	48,555,000	48,556,000	48,557,000	48,558,000	48,559,000	48,560,000
48,561,000	48,562,000	48,563,000	48,564,000	48,565,000	48,566,000	48,567,000	48,568,000

Supplemental Figure S8

48,569,000	48,570,000	48,571,000	48,572,000	48,573,000	48,574,000	48,575,000	48,576,000
48,577,000	48,578,000	48,579,000	48,580,000	48,581,000	48,582,000	48,583,000	48,584,000
48,585,000	48,586,000	48,587,000	48,588,000	48,589,000	48,590,000	48,591,000	48,592,000
48,593,000	48,594,000	48,595,000	48,596,000	48,597,000	48,598,000	48,599,000	48,600,000
48,601,000	48,602,000	48,603,000	48,604,000	48,605,000	48,606,000	48,607,000	48,608,000
48,609,000	48,610,000	48,611,000	48,612,000	48,613,000	48,614,000	48,615,000	48,616,000
48,617,000	48,618,000	48,619,000	48,620,000	48,621,000	48,622,000	48,623,000	48,624,000
48,625,000	48,626,000	48,627,000	48,628,000	48,629,000	48,630,000	48,631,000	48,632,000
48,633,000	48,634,000	48,635,000	48,636,000	48,637,000	48,638,000	48,639,000	48,640,000
48,641,000	48,642,000	48,643,000	48,644,000	48,645,000	48,646,000	48,647,000	48,648,000
48,649,000	48,650,000	48,651,000	48,652,000	48,653,000	48,654,000	48,655,000	48,656,000
48,657,000	48,658,000	48,659,000	48,660,000	48,661,000	48,662,000	48,663,000	48,664,000
48,665,000	48,666,000	48,667,000	48,668,000	48,669,000	48,670,000	48,671,000	48,672,000
48,673,000	48,674,000	48,675,000	48,676,000	48,677,000	48,678,000	48,679,000	48,680,000
48,681,000	48,682,000	48,683,000	48,684,000	48,685,000	48,686,000	48,687,000	48,688,000
48,689,000	48,690,000	48,691,000	48,692,000	48,693,000	48,694,000	48,695,000	48,696,000
48,697,000	48,698,000	48,699,000	48,700,000	48,701,000	48,702,000	48,703,000	48,704,000
48,705,000	48,706,000	48,707,000	48,708,000	48,709,000	48,710,000	48,711,000	48,712,000
48,713,000	48,714,000	48,715,000	48,716,000	48,717,000	48,718,000	48,719,000	48,720,000
48,721,000	48,722,000	48,723,000	48,724,000	48,725,000	48,726,000	48,727,000	48,728,000
48,729,000	48,730,000	48,731,000	48,732,000	48,733,000	48,734,000	48,735,000	48,736,000
48,737,000	48,738,000	48,739,000	48,740,000	48,741,000	48,742,000	48,743,000	48,744,000

Supplemental Figure S8

48,745,000	48,746,000	48,747,000	48,748,000	48,749,000	48,750,000	48,751,000	48,752,000
48,753,000	48,754,000	48,755,000	48,756,000	48,757,000	48,758,000	48,759,000	48,760,000
48,761,000	48,762,000	48,763,000	48,764,000	48,765,000	48,766,000	48,767,000	48,768,000
48,769,000	48,770,000	48,771,000	48,772,000	48,773,000	48,774,000	48,775,000	48,776,000
48,777,000	48,778,000	48,779,000	48,780,000	48,781,000	48,782,000	48,783,000	48,784,000
48,785,000	48,786,000	48,787,000	48,788,000	48,789,000	48,790,000	48,791,000	48,792,000
48,793,000	48,794,000	48,795,000	48,796,000	48,797,000	48,798,000	48,799,000	48,800,000
48,801,000	48,802,000	48,803,000	48,804,000	48,805,000	48,806,000	48,807,000	48,808,000
48,809,000	48,810,000	48,811,000	48,812,000	48,813,000	48,814,000	48,815,000	48,816,000
48,817,000	48,818,000	48,819,000	48,820,000	48,821,000	48,822,000	48,823,000	48,824,000
48,825,000	48,826,000	48,827,000	48,828,000	48,829,000	48,830,000	48,831,000	48,832,000
48,833,000	48,834,000	48,835,000	48,836,000	48,837,000	48,838,000	48,839,000	48,840,000
48,841,000	48,842,000	48,843,000	48,844,000	48,845,000	48,846,000	48,847,000	48,848,000
48,849,000	48,850,000	48,851,000	48,852,000	48,853,000	48,854,000	48,855,000	48,856,000
48,857,000	48,858,000	48,859,000	48,860,000	48,861,000	48,862,000	48,863,000	48,864,000
48,865,000	48,866,000	48,867,000	48,868,000	48,869,000	48,870,000	48,871,000	48,872,000
48,873,000	48,874,000	48,875,000	48,876,000	48,877,000	48,878,000	48,879,000	48,880,000
48,881,000	48,882,000	48,883,000	48,884,000	48,885,000	48,886,000	48,887,000	48,888,000
48,889,000	48,890,000	48,891,000	48,892,000	48,893,000	48,894,000	48,895,000	48,896,000
48,897,000	48,898,000	48,899,000	48,900,000	48,901,000	48,902,000	48,903,000	48,904,000
48,905,000	48,906,000	48,907,000	48,908,000	48,909,000	48,910,000	48,911,000	48,912,000
48,913,000	48,914,000	48,915,000	48,916,000	48,917,000	48,918,000	48,919,000	48,920,000
48,921,000	48,922,000	48,923,000	48,924,000	48,925,000	48,926,000	48,927,000	48,928,000

Supplemental Figure S8

48,929,000	48,930,000	48,931,000	48,932,000	48,933,000	48,934,000	48,935,000	48,936,000
48,937,000	48,938,000	48,939,000	48,940,000	48,941,000	48,942,000	48,943,000	48,944,000
48,945,000	48,946,000	48,947,000	48,948,000	48,949,000	48,950,000	48,951,000	48,952,000
48,953,000	48,954,000	48,955,000	48,956,000	48,957,000	48,958,000	48,959,000	48,960,000
48,961,000	48,962,000	48,963,000	48,964,000	48,965,000	48,966,000	48,967,000	48,968,000
48,969,000	48,970,000	48,971,000	48,972,000	48,973,000	48,974,000	48,975,000	48,976,000
48,977,000	48,978,000	48,979,000	48,980,000	48,981,000	48,982,000	48,983,000	48,984,000
48,985,000	48,986,000	48,987,000	48,988,000	48,989,000	48,990,000	48,991,000	48,992,000
48,993,000	48,994,000	48,995,000	48,996,000	48,997,000	48,998,000	48,999,000	49,000,000
49,001,000	49,002,000	49,003,000	49,004,000	49,005,000	49,006,000	49,007,000	49,008,000
49,009,000	49,010,000	49,011,000	49,012,000	49,013,000	49,014,000	49,015,000	49,016,000
49,017,000	49,018,000	49,019,000	49,020,000	49,021,000	49,022,000	49,023,000	49,024,000
49,025,000	49,026,000	49,027,000	49,028,000	49,029,000	49,030,000	49,031,000	49,032,000
49,033,000	49,034,000	49,035,000	49,036,000	49,037,000	49,038,000	49,039,000	49,040,000
49,041,000	49,042,000	49,043,000	49,044,000	49,045,000	49,046,000	49,047,000	49,048,000
49,049,000	49,050,000	49,051,000	49,052,000	49,053,000	49,054,000	49,055,000	49,056,000
49,057,000	49,058,000	49,059,000	49,060,000	49,061,000	49,062,000	49,063,000	49,064,000
49,065,000	49,066,000	49,067,000	49,068,000	49,069,000	49,070,000	49,071,000	49,072,000
49,073,000	49,074,000	49,075,000	49,076,000	49,077,000	49,078,000	49,079,000	49,080,000
49,081,000	49,082,000	49,083,000	49,084,000	49,085,000	49,086,000	49,087,000	49,088,000
49,089,000	49,090,000	49,091,000	49,092,000	49,093,000	49,094,000	49,095,000	49,096,000
49,097,000	49,098,000	49,099,000	49,100,000	49,101,000	49,102,000	49,103,000	49,104,000
49,105,000	49,106,000	49,107,000	49,108,000	49,109,000	49,110,000	49,111,000	49,112,000

Supplemental Figure S8

49,113,000	49,114,000	49,115,000	49,116,000	49,117,000	49,118,000	49,119,000	49,120,000
49,121,000	49,122,000	49,123,000	49,124,000	49,125,000	49,126,000	49,127,000	49,128,000
49,129,000	49,130,000	49,131,000	49,132,000	49,133,000	49,134,000	49,135,000	49,136,000
49,137,000	49,138,000	49,139,000	49,140,000	49,141,000	49,142,000	49,143,000	49,144,000
49,145,000	49,146,000	49,147,000	49,148,000	49,149,000	49,150,000	49,151,000	49,152,000
49,153,000	49,154,000	49,155,000	49,156,000	49,157,000	49,158,000	49,159,000	49,160,000
49,161,000	49,162,000	49,163,000	49,164,000	49,165,000	49,166,000	49,167,000	49,168,000
49,169,000	49,170,000	49,171,000	49,172,000	49,173,000	49,174,000	49,175,000	49,176,000
49,177,000	49,178,000	49,179,000	49,180,000	49,181,000	49,182,000	49,183,000	49,184,000
49,185,000	49,186,000	49,187,000	49,188,000	49,189,000	49,190,000	49,191,000	49,192,000
49,193,000	49,194,000	49,195,000	49,196,000	49,197,000	49,198,000	49,199,000	49,200,000
49,201,000	49,202,000	49,203,000	49,204,000	49,205,000	49,206,000	49,207,000	49,208,000
49,209,000	49,210,000	49,211,000	49,212,000	49,213,000	49,214,000	49,215,000	49,216,000
49,217,000	49,218,000	49,219,000	49,220,000	49,221,000	49,222,000	49,223,000	49,224,000
49,225,000	49,226,000	49,227,000	49,228,000	49,229,000	49,230,000	49,231,000	49,232,000
49,233,000	49,234,000	49,235,000	49,236,000	49,237,000	49,238,000	49,239,000	49,240,000
49,241,000	49,242,000	49,243,000	49,244,000	49,245,000	49,246,000	49,247,000	49,248,000
49,249,000	49,250,000	49,251,000	49,252,000	49,253,000	49,254,000	49,255,000	49,256,000
49,257,000	49,258,000	49,259,000	49,260,000	49,261,000	49,262,000	49,263,000	49,264,000
49,265,000	49,266,000	49,267,000	49,268,000	49,269,000	49,270,000	49,271,000	49,272,000
49,273,000	49,274,000	49,275,000	49,276,000	49,277,000	49,278,000	49,279,000	49,280,000
49,281,000	49,282,000	49,283,000	49,284,000	49,285,000	49,286,000	49,287,000	49,288,000
49,289,000	49,290,000	49,291,000	49,292,000	49,293,000	49,294,000	49,295,000	49,296,000

Supplemental Figure S8

49,297,000	49,298,000	49,299,000	49,300,000	49,301,000	49,302,000	49,303,000	49,304,000
49,305,000	49,306,000	49,307,000	49,308,000	49,309,000	49,310,000	49,311,000	49,312,000
49,313,000	49,314,000	49,315,000	49,316,000	49,317,000	49,318,000	49,319,000	49,320,000
49,321,000	49,322,000	49,323,000	49,324,000	49,325,000	49,326,000	49,327,000	49,328,000
49,329,000	49,330,000	49,331,000	49,332,000	49,333,000	49,334,000	49,335,000	49,336,000
49,337,000	49,338,000	49,339,000	49,340,000	49,341,000	49,342,000	49,343,000	49,344,000
49,345,000	49,346,000	49,347,000	49,348,000	49,349,000	49,350,000	49,351,000	49,352,000
49,353,000	49,354,000	49,355,000	49,356,000	49,357,000	49,358,000	49,359,000	49,360,000
49,361,000	49,362,000	49,363,000	49,364,000	49,365,000	49,366,000	49,367,000	49,368,000
49,369,000	49,370,000	49,371,000	49,372,000	49,373,000	49,374,000	49,375,000	49,376,000
49,377,000	49,378,000	49,379,000	49,380,000	49,381,000	49,382,000	49,383,000	49,384,000
49,385,000	49,386,000	49,387,000	49,388,000	49,389,000	49,390,000	49,391,000	49,392,000
49,393,000	49,394,000	49,395,000	49,396,000	49,397,000	49,398,000	49,399,000	49,400,000
49,401,000	49,402,000	49,403,000	49,404,000	49,405,000	49,406,000	49,407,000	49,408,000
49,409,000	49,410,000	49,411,000	49,412,000	49,413,000	49,414,000	49,415,000	49,416,000
49,417,000	49,418,000	49,419,000	49,420,000	49,421,000	49,422,000	49,423,000	49,424,000
49,425,000	49,426,000	49,427,000	49,428,000	49,429,000	49,430,000	49,431,000	49,432,000
49,433,000	49,434,000	49,435,000	49,436,000	49,437,000	49,438,000	49,439,000	49,440,000
49,441,000	49,442,000	49,443,000	49,444,000	49,445,000	49,446,000	49,447,000	49,448,000
49,449,000	49,450,000	49,451,000	49,452,000	49,453,000	49,454,000	49,455,000	49,456,000
49,457,000	49,458,000	49,459,000	49,460,000	49,461,000	49,462,000	49,463,000	49,464,000
49,465,000	49,466,000	49,467,000	49,468,000	49,469,000	49,470,000	49,471,000	49,472,000
49,473,000	49,474,000	49,475,000	49,476,000	49,477,000	49,478,000	49,479,000	49,480,000

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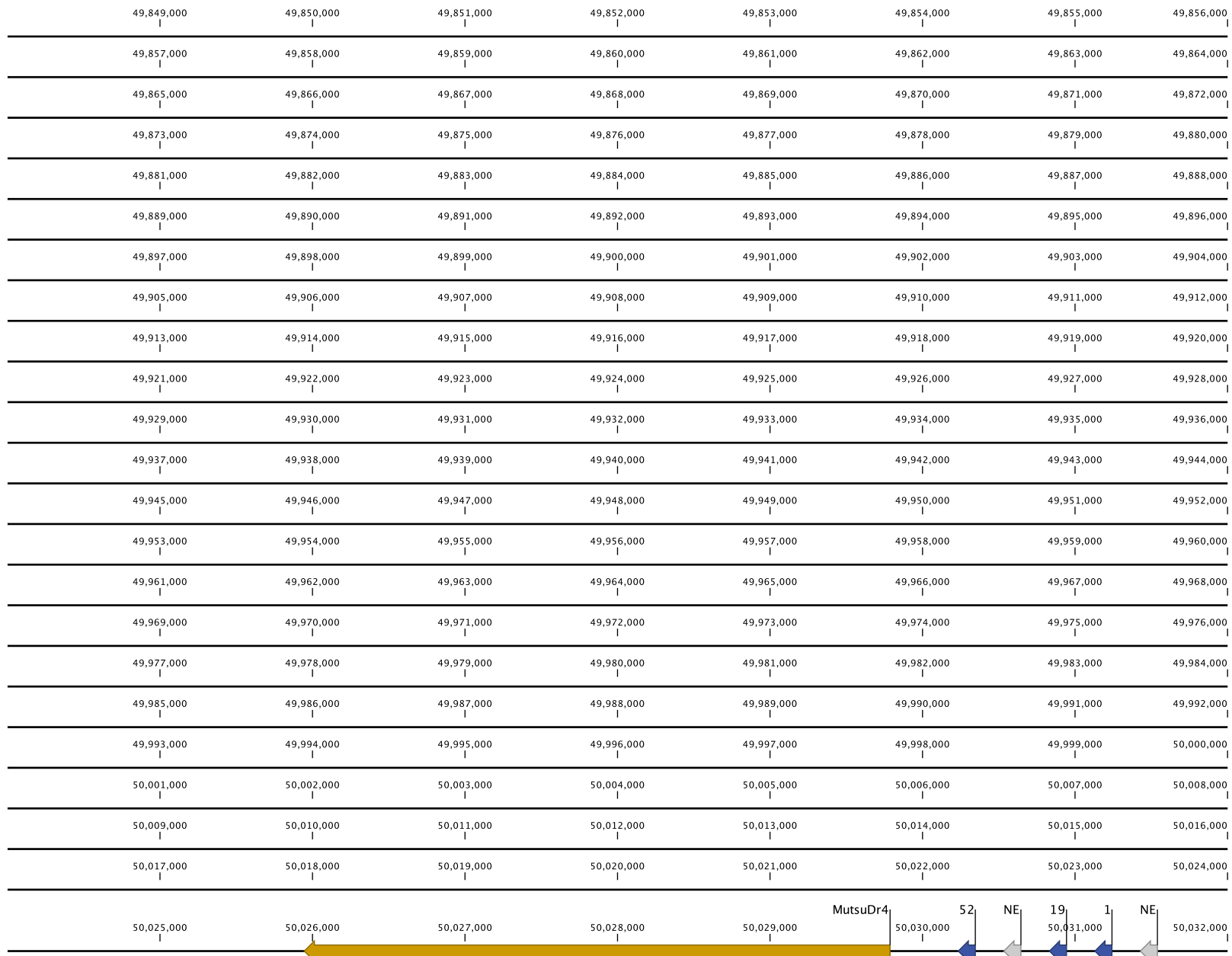
Supplemental Figure S8

49,481,000	49,482,000	49,483,000	49,484,000	49,485,000	49,486,000	49,487,000	49,488,000
49,489,000	49,490,000	49,491,000	49,492,000	49,493,000	49,494,000	49,495,000	49,496,000
49,497,000	49,498,000	49,499,000	49,500,000	49,501,000	49,502,000	49,503,000	49,504,000
49,505,000	49,506,000	49,507,000	49,508,000	49,509,000	49,510,000	49,511,000	49,512,000
49,513,000	49,514,000	49,515,000	49,516,000	49,517,000	49,518,000	49,519,000	49,520,000
49,521,000	49,522,000	49,523,000	49,524,000	49,525,000	49,526,000	49,527,000	49,528,000
49,529,000	49,530,000	49,531,000	49,532,000	49,533,000	49,534,000	49,535,000	49,536,000
49,537,000	49,538,000	49,539,000	49,540,000	49,541,000	49,542,000	49,543,000	49,544,000
49,545,000	49,546,000	49,547,000	49,548,000	49,549,000	49,550,000	49,551,000	49,552,000
49,553,000	49,554,000	49,555,000	49,556,000	49,557,000	49,558,000	49,559,000	49,560,000
49,561,000	49,562,000	49,563,000	49,564,000	49,565,000	49,566,000	49,567,000	49,568,000
49,569,000	49,570,000	49,571,000	49,572,000	49,573,000	49,574,000	49,575,000	49,576,000
49,577,000	49,578,000	49,579,000	49,580,000	49,581,000	49,582,000	49,583,000	49,584,000
49,585,000	49,586,000	49,587,000	49,588,000	49,589,000	49,590,000	49,591,000	49,592,000
49,593,000	49,594,000	49,595,000	49,596,000	49,597,000	49,598,000	49,599,000	49,600,000
49,601,000	49,602,000	49,603,000	49,604,000	49,605,000	49,606,000	49,607,000	49,608,000
49,609,000	49,610,000	49,611,000	49,612,000	49,613,000	49,614,000	49,615,000	49,616,000
49,617,000	49,618,000	49,619,000	49,620,000	49,621,000	49,622,000	49,623,000	49,624,000
49,625,000	49,626,000	49,627,000	49,628,000	49,629,000	49,630,000	49,631,000	49,632,000
49,633,000	49,634,000	49,635,000	49,636,000	49,637,000	49,638,000	49,639,000	49,640,000
49,641,000	49,642,000	49,643,000	49,644,000	49,645,000	49,646,000	49,647,000	49,648,000
49,649,000	49,650,000	49,651,000	49,652,000	49,653,000	49,654,000	49,655,000	49,656,000
49,657,000	49,658,000	49,659,000	49,660,000	49,661,000	49,662,000	49,663,000	49,664,000

Supplemental Figure S8

49,665,000	49,666,000	49,667,000	49,668,000	49,669,000	49,670,000	49,671,000	49,672,000
49,673,000	49,674,000	49,675,000	49,676,000	49,677,000	49,678,000	49,679,000	49,680,000
49,681,000	49,682,000	49,683,000	49,684,000	49,685,000	49,686,000	49,687,000	49,688,000
49,689,000	49,690,000	49,691,000	49,692,000	49,693,000	49,694,000	49,695,000	49,696,000
49,697,000	49,698,000	49,699,000	49,700,000	49,701,000	49,702,000	49,703,000	49,704,000
49,705,000	49,706,000	49,707,000	49,708,000	49,709,000	49,710,000	49,711,000	49,712,000
49,713,000	49,714,000	49,715,000	49,716,000	49,717,000	49,718,000	49,719,000	49,720,000
49,721,000	49,722,000	49,723,000	49,724,000	49,725,000	49,726,000	49,727,000	49,728,000
49,729,000	49,730,000	49,731,000	49,732,000	49,733,000	49,734,000	49,735,000	49,736,000
49,737,000	49,738,000	49,739,000	49,740,000	49,741,000	49,742,000	49,743,000	49,744,000
49,745,000	49,746,000	49,747,000	49,748,000	49,749,000	49,750,000	49,751,000	49,752,000
49,753,000	49,754,000	49,755,000	49,756,000	49,757,000	49,758,000	49,759,000	49,760,000
49,761,000	49,762,000	49,763,000	49,764,000	49,765,000	49,766,000	49,767,000	49,768,000
49,769,000	49,770,000	49,771,000	49,772,000	49,773,000	49,774,000	49,775,000	49,776,000
49,777,000	49,778,000	49,779,000	49,780,000	49,781,000	49,782,000	49,783,000	49,784,000
49,785,000	49,786,000	49,787,000	49,788,000	49,789,000	49,790,000	49,791,000	49,792,000
49,793,000	49,794,000	49,795,000	49,796,000	49,797,000	49,798,000	49,799,000	49,800,000
49,801,000	49,802,000	49,803,000	49,804,000	49,805,000	49,806,000	49,807,000	49,808,000
49,809,000	49,810,000	49,811,000	49,812,000	49,813,000	49,814,000	49,815,000	49,816,000
49,817,000	49,818,000	49,819,000	49,820,000	49,821,000	49,822,000	49,823,000	49,824,000
49,825,000	49,826,000	49,827,000	49,828,000	49,829,000	49,830,000	49,831,000	49,832,000
49,833,000	49,834,000	49,835,000	49,836,000	49,837,000	49,838,000	49,839,000	49,840,000
49,841,000	49,842,000	49,843,000	49,844,000	49,845,000	49,846,000	49,847,000	49,848,000

Supplemental Figure S8



Supplemental Figure S8

50,033,000	50,034,000	50,035,000	50,036,000	50,037,000	50,038,000	50,039,000	50,040,000
50,041,000	50,042,000	50,043,000	50,044,000	50,045,000	50,046,000	50,047,000	50,048,000
50,049,000	50,050,000	50,051,000	50,052,000	50,053,000	50,054,000	50,055,000	50,056,000
50,057,000	50,058,000	50,059,000	50,060,000	50,061,000	50,062,000	50,063,000	50,064,000
50,065,000	50,066,000	50,067,000	50,068,000	50,069,000	50,070,000	50,071,000	50,072,000
50,073,000	50,074,000	50,075,000	50,076,000	50,077,000	50,078,000	50,079,000	50,080,000
50,081,000	50,082,000	50,083,000	50,084,000	50,085,000	50,086,000	50,087,000	50,088,000
50,089,000	50,090,000	50,091,000	50,092,000	50,093,000	50,094,000	50,095,000	50,096,000
50,097,000	50,098,000	50,099,000	50,100,000	50,101,000	50,102,000	50,103,000	50,104,000
50,105,000	50,106,000	50,107,000	50,108,000	50,109,000	50,110,000	50,111,000	50,112,000
50,113,000	50,114,000	50,115,000	50,116,000	50,117,000	50,118,000	50,119,000	50,120,000
50,121,000	50,122,000	50,123,000	50,124,000	50,125,000	50,126,000	50,127,000	50,128,000
50,129,000	50,130,000	50,131,000	50,132,000	50,133,000	50,134,000	50,135,000	50,136,000
50,137,000	50,138,000	50,139,000	50,140,000	50,141,000	50,142,000	50,143,000	50,144,000
50,145,000	50,146,000	50,147,000	50,148,000	50,149,000	50,150,000	50,151,000	50,152,000
50,153,000	50,154,000	50,155,000	50,156,000	50,157,000	50,158,000	50,159,000	50,160,000
50,161,000	50,162,000	50,163,000	50,164,000	50,165,000	50,166,000	50,167,000	50,168,000
50,169,000	50,170,000	50,171,000	50,172,000	50,173,000	50,174,000	50,175,000	50,176,000
50,177,000	50,178,000	50,179,000	50,180,000	50,181,000	50,182,000	50,183,000	50,184,000
50,185,000	50,186,000	50,187,000	50,188,000	50,189,000	50,190,000	50,191,000	50,192,000
50,193,000	50,194,000	50,195,000	50,196,000	50,197,000	50,198,000	50,199,000	50,200,000
50,201,000	50,202,000	50,203,000	50,204,000	50,205,000	50,206,000	50,207,000	50,208,000
50,209,000	50,210,000	50,211,000	50,212,000	50,213,000	50,214,000	50,215,000	50,216,000

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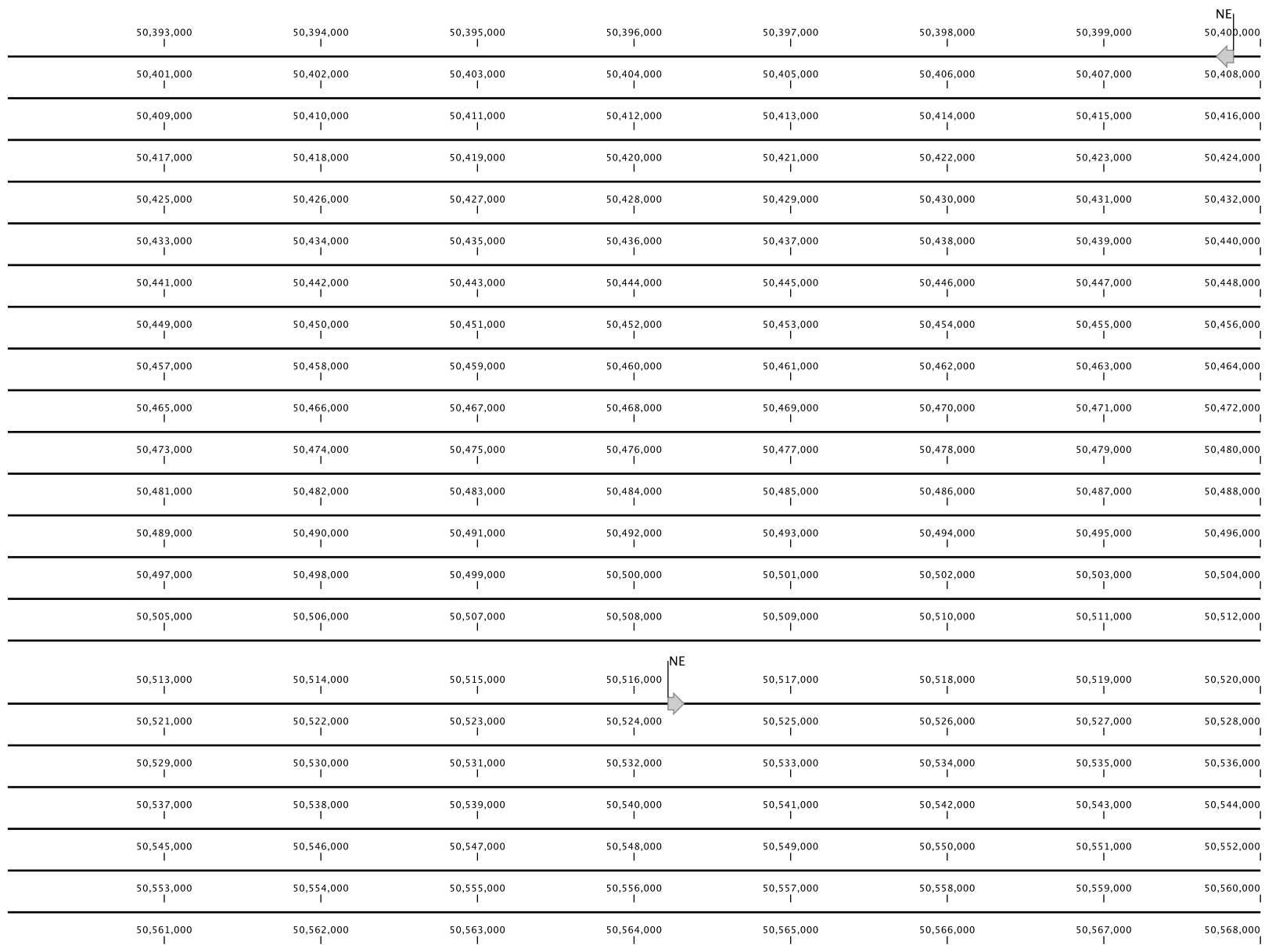
Supplemental Figure S8

50,217,000	50,218,000	50,219,000	50,220,000	50,221,000	50,222,000	50,223,000	50,224,000
50,225,000	50,226,000	50,227,000	50,228,000	50,229,000	50,230,000	50,231,000	50,232,000
50,233,000	50,234,000	50,235,000	50,236,000	50,237,000	50,238,000	50,239,000	50,240,000
50,241,000	50,242,000	50,243,000	50,244,000	50,245,000	50,246,000	50,247,000	50,248,000
50,249,000	50,250,000	50,251,000	50,252,000	50,253,000	50,254,000	50,255,000	50,256,000
50,257,000	50,258,000	50,259,000	50,260,000	50,261,000	50,262,000	50,263,000	50,264,000
50,265,000	50,266,000	50,267,000	50,268,000	50,269,000	50,270,000	50,271,000	50,272,000
50,273,000	50,274,000	50,275,000	50,276,000	50,277,000	50,278,000	50,279,000	50,280,000
50,281,000	50,282,000	50,283,000	50,284,000	50,285,000	50,286,000	50,287,000	50,288,000
50,289,000	50,290,000	50,291,000	50,292,000	50,293,000	50,294,000	50,295,000	50,296,000
50,297,000	50,298,000	50,299,000	50,300,000	50,301,000	50,302,000	50,303,000	50,304,000
50,305,000	50,306,000	50,307,000	50,308,000	50,309,000	50,310,000	50,311,000	50,312,000
50,313,000	50,314,000	50,315,000	50,316,000	50,317,000	50,318,000	50,319,000	50,320,000
50,321,000	50,322,000	50,323,000	50,324,000	50,325,000	50,326,000	50,327,000	50,328,000
50,329,000	50,330,000	50,331,000	50,332,000	50,333,000	50,334,000	50,335,000	50,336,000
50,337,000	50,338,000	50,339,000	50,340,000	50,341,000	50,342,000	50,343,000	50,344,000
50,345,000	50,346,000	50,347,000	50,348,000	50,349,000	50,350,000	50,351,000	50,352,000
50,353,000	50,354,000	50,355,000	50,356,000	50,357,000	50,358,000	50,359,000	50,360,000
50,361,000	50,362,000	50,363,000	50,364,000	50,365,000	50,366,000	50,367,000	50,368,000
50,369,000	50,370,000	50,371,000	50,372,000	50,373,000	50,374,000	50,375,000	50,376,000
50,377,000	50,378,000	50,379,000	50,380,000	50,381,000	50,382,000	50,383,000	50,384,000
50,385,000	50,386,000	50,387,000	50,388,000	50,389,000	50,390,000	50,391,000	50,392,000

NE



Supplemental Figure S8



Supplemental Figure S8

50,569,000	50,570,000	50,571,000	50,572,000	50,573,000	50,574,000	50,575,000	50,576,000
50,577,000	50,578,000	50,579,000	50,580,000	50,581,000	50,582,000	50,583,000	50,584,000
50,585,000	50,586,000	50,587,000	50,588,000	50,589,000	50,590,000	50,591,000	50,592,000
50,593,000	50,594,000	50,595,000	50,596,000	50,597,000	50,598,000	50,599,000	50,600,000
50,601,000	50,602,000	50,603,000	50,604,000	50,605,000	50,606,000	50,607,000	50,608,000
50,609,000	50,610,000	50,611,000	50,612,000	50,613,000	50,614,000	50,615,000	50,616,000
50,617,000	50,618,000	50,619,000	50,620,000	50,621,000	50,622,000	50,623,000	50,624,000
50,625,000	50,626,000	50,627,000	50,628,000	50,629,000	50,630,000	50,631,000	50,632,000
50,633,000	50,634,000	50,635,000	50,636,000	50,637,000	50,638,000	50,639,000	50,640,000
50,641,000	50,642,000	50,643,000	50,644,000	50,645,000	50,646,000	50,647,000	50,648,000
50,649,000	50,650,000	50,651,000	50,652,000	50,653,000	50,654,000	50,655,000	50,656,000
50,657,000	50,658,000	50,659,000	50,660,000	50,661,000	50,662,000	50,663,000	50,664,000
50,665,000	50,666,000	50,667,000	50,668,000	50,669,000	50,670,000	50,671,000	50,672,000
50,673,000	50,674,000	50,675,000	50,676,000	50,677,000	50,678,000	50,679,000	50,680,000
50,681,000	50,682,000	50,683,000	50,684,000	50,685,000	50,686,000	50,687,000	50,688,000
50,689,000	50,690,000	50,691,000	50,692,000	50,693,000	50,694,000	50,695,000	50,696,000
50,697,000	50,698,000	50,699,000	50,700,000	50,701,000	50,702,000	50,703,000	50,704,000
50,705,000	50,706,000	50,707,000	50,708,000	50,709,000	50,710,000	50,711,000	50,712,000
50,713,000	50,714,000	50,715,000	50,716,000	50,717,000	50,718,000	50,719,000	50,720,000
50,721,000	50,722,000	50,723,000	50,724,000	50,725,000	50,726,000	50,727,000	50,728,000
50,729,000	50,730,000	50,731,000	50,732,000	50,733,000	50,734,000	50,735,000	50,736,000
50,737,000	50,738,000	50,739,000	50,740,000	50,741,000	50,742,000	50,743,000	50,744,000
50,745,000	50,746,000	50,747,000	50,748,000	50,749,000	50,750,000	50,751,000	50,752,000

Supplemental Figure S8

50,753,000	50,754,000	50,755,000	50,756,000	50,757,000	50,758,000	50,759,000	50,760,000
50,761,000	50,762,000	50,763,000	50,764,000	50,765,000	50,766,000	50,767,000	50,768,000
50,769,000	50,770,000	50,771,000	50,772,000	50,773,000	50,774,000	50,775,000	50,776,000
50,777,000	50,778,000	50,779,000	50,780,000	50,781,000	50,782,000	50,783,000	50,784,000
50,785,000	50,786,000	50,787,000	50,788,000	50,789,000	50,790,000	50,791,000	50,792,000
50,793,000	50,794,000	50,795,000	50,796,000	50,797,000	50,798,000	50,799,000	50,800,000
50,801,000	50,802,000	50,803,000	50,804,000	50,805,000	50,806,000	50,807,000	50,808,000
50,809,000	50,810,000	50,811,000	50,812,000	50,813,000	50,814,000	50,815,000	50,816,000
50,817,000	50,818,000	50,819,000	50,820,000	50,821,000	50,822,000	50,823,000	50,824,000
50,825,000	50,826,000	50,827,000	50,828,000	50,829,000	50,830,000	50,831,000	50,832,000
50,833,000	50,834,000	50,835,000	50,836,000	50,837,000	50,838,000	50,839,000	50,840,000
50,841,000	50,842,000	50,843,000	50,844,000	50,845,000	50,846,000	50,847,000	50,848,000
50,849,000	50,850,000	50,851,000	50,852,000	50,853,000	50,854,000	50,855,000	50,856,000
50,857,000	50,858,000	50,859,000	50,860,000	50,861,000	50,862,000	50,863,000	50,864,000
50,865,000	50,866,000	50,867,000	50,868,000	50,869,000	50,870,000	50,871,000	50,872,000
50,873,000	50,874,000	50,875,000	50,876,000	50,877,000	50,878,000	50,879,000	50,880,000
50,881,000	50,882,000	50,883,000	50,884,000	50,885,000	50,886,000	50,887,000	50,888,000
50,889,000	50,890,000	50,891,000	50,892,000	50,893,000	50,894,000	50,895,000	50,896,000
50,897,000	50,898,000	50,899,000	50,900,000	50,901,000	50,902,000	50,903,000	50,904,000
50,905,000	50,906,000	50,907,000	50,908,000	50,909,000	50,910,000	50,911,000	50,912,000
50,913,000	50,914,000	50,915,000	50,916,000	50,917,000	50,918,000	50,919,000	50,920,000
50,921,000	50,922,000	50,923,000	50,924,000	50,925,000	50,926,000	50,927,000	50,928,000
50,929,000	50,930,000	50,931,000	50,932,000	50,933,000	50,934,000	50,935,000	50,936,000

Supplemental Figure S8

50,937,000	50,938,000	50,939,000	50,940,000	50,941,000	50,942,000	50,943,000	50,944,000
50,945,000	50,946,000	50,947,000	50,948,000	50,949,000	50,950,000	50,951,000	50,952,000
50,953,000	50,954,000	50,955,000	50,956,000	50,957,000	50,958,000	50,959,000	50,960,000
50,961,000	50,962,000	50,963,000	50,964,000	50,965,000	50,966,000	50,967,000	50,968,000
50,969,000	50,970,000	50,971,000	50,972,000	50,973,000	50,974,000	50,975,000	50,976,000
50,977,000	50,978,000	50,979,000	50,980,000	50,981,000	50,982,000	50,983,000	50,984,000
50,985,000	50,986,000	50,987,000	50,988,000	50,989,000	50,990,000	50,991,000	50,992,000
50,993,000	50,994,000	50,995,000	50,996,000	50,997,000	50,998,000	50,999,000	51,000,000
51,001,000	51,002,000	51,003,000	51,004,000	51,005,000	51,006,000	51,007,000	51,008,000
51,009,000	51,010,000	51,011,000	51,012,000	51,013,000	51,014,000	51,015,000	51,016,000
51,017,000	51,018,000	51,019,000	51,020,000	51,021,000	51,022,000	51,023,000	51,024,000
51,025,000	51,026,000	51,027,000	51,028,000	51,029,000	51,030,000	51,031,000	51,032,000
51,033,000	51,034,000	51,035,000	51,036,000	51,037,000	51,038,000	51,039,000	51,040,000
51,041,000	51,042,000	51,043,000	51,044,000	51,045,000	51,046,000	51,047,000	51,048,000
51,049,000	51,050,000	51,051,000	51,052,000	51,053,000	51,054,000	51,055,000	51,056,000
51,057,000	51,058,000	51,059,000	51,060,000	51,061,000	51,062,000	51,063,000	51,064,000
51,065,000	51,066,000	51,067,000	51,068,000	51,069,000	51,070,000	51,071,000	51,072,000
51,073,000	51,074,000	51,075,000	51,076,000	51,077,000	51,078,000	51,079,000	51,080,000
51,081,000	51,082,000	51,083,000	51,084,000	51,085,000	51,086,000	51,087,000	51,088,000
51,089,000	51,090,000	51,091,000	51,092,000	51,093,000	51,094,000	51,095,000	51,096,000
51,097,000	51,098,000	51,099,000	51,100,000	51,101,000	51,102,000	51,103,000	51,104,000
51,105,000	51,106,000	51,107,000	51,108,000	51,109,000	51,110,000	51,111,000	51,112,000
51,113,000	51,114,000	51,115,000	51,116,000	51,117,000	51,118,000	51,119,000	51,120,000

Supplemental Figure S8

51,121,000	51,122,000	51,123,000	51,124,000	51,125,000	51,126,000	51,127,000	51,128,000
51,129,000	51,130,000	51,131,000	51,132,000	51,133,000	51,134,000	51,135,000	51,136,000
51,137,000	51,138,000	51,139,000	51,140,000	51,141,000	51,142,000	51,143,000	51,144,000
51,145,000	51,146,000	51,147,000	51,148,000	51,149,000	51,150,000	51,151,000	51,152,000
51,153,000	51,154,000	51,155,000	51,156,000	51,157,000	51,158,000	51,159,000	51,160,000
51,161,000	51,162,000	51,163,000	51,164,000	51,165,000	51,166,000	51,167,000	51,168,000
51,169,000	51,170,000	51,171,000	51,172,000	51,173,000	51,174,000	51,175,000	51,176,000
51,177,000	51,178,000	51,179,000	51,180,000	51,181,000	51,182,000	51,183,000	51,184,000
51,185,000	51,186,000	51,187,000	51,188,000	51,189,000	51,190,000	51,191,000	51,192,000
51,193,000	51,194,000	51,195,000	51,196,000	51,197,000	51,198,000	51,199,000	51,200,000
51,201,000	51,202,000	51,203,000	51,204,000	51,205,000	51,206,000	51,207,000	51,208,000
51,209,000	51,210,000	51,211,000	51,212,000	51,213,000	51,214,000	51,215,000	51,216,000
51,217,000	51,218,000	51,219,000	51,220,000	51,221,000	51,222,000	51,223,000	51,224,000
51,225,000	51,226,000	51,227,000	51,228,000	51,229,000	51,230,000	51,231,000	51,232,000
51,233,000	51,234,000	51,235,000	51,236,000	51,237,000	51,238,000	51,239,000	51,240,000
51,241,000	51,242,000	51,243,000	51,244,000	51,245,000	51,246,000	51,247,000	51,248,000
51,249,000	51,250,000	51,251,000	51,252,000	51,253,000	51,254,000	51,255,000	51,256,000
51,257,000	51,258,000	51,259,000	51,260,000	51,261,000	51,262,000	51,263,000	51,264,000
51,265,000	51,266,000	51,267,000	51,268,000	51,269,000	51,270,000	51,271,000	51,272,000
51,273,000	51,274,000	51,275,000	51,276,000	51,277,000	51,278,000	51,279,000	51,280,000
51,281,000	51,282,000	51,283,000	51,284,000	51,285,000	51,286,000	51,287,000	51,288,000
51,289,000	51,290,000	51,291,000	51,292,000	51,293,000	51,294,000	51,295,000	51,296,000

NE



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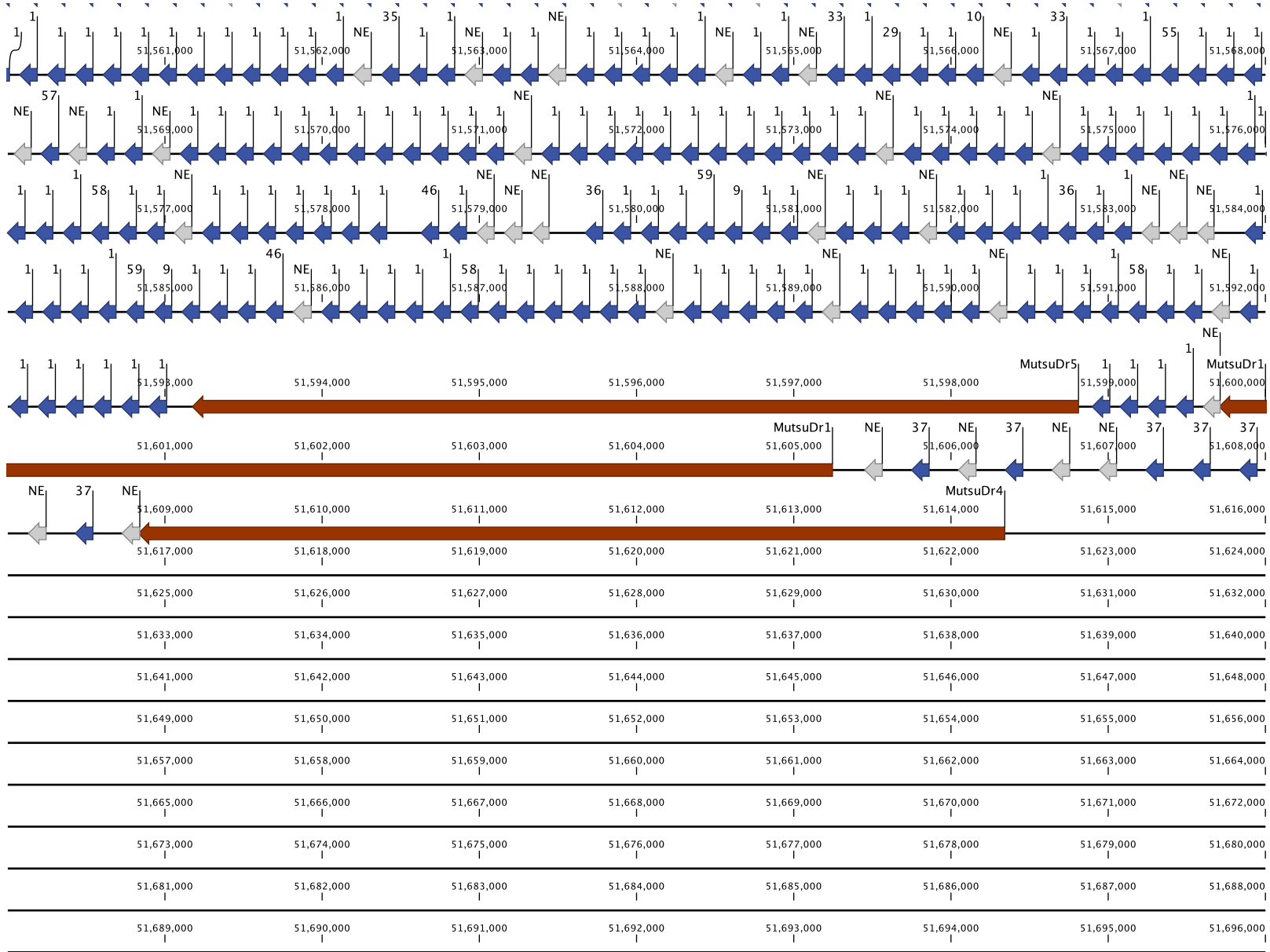
Supplemental Figure S8

51,297,000	51,298,000	51,299,000	51,300,000	51,301,000	51,302,000	51,303,000	51,304,000
51,305,000	51,306,000	51,307,000	51,308,000	51,309,000	51,310,000	51,311,000	51,312,000
51,313,000	51,314,000	51,315,000	51,316,000	51,317,000	51,318,000	51,319,000	51,320,000
51,321,000	51,322,000	51,323,000	51,324,000	51,325,000	51,326,000	51,327,000	51,328,000
51,329,000	51,330,000	51,331,000	51,332,000	51,333,000	51,334,000	51,335,000	51,336,000
51,337,000	51,338,000	51,339,000	51,340,000	51,341,000	51,342,000	51,343,000	51,344,000
51,345,000	51,346,000	51,347,000	51,348,000	51,349,000	51,350,000	51,351,000	51,352,000
51,353,000	51,354,000	51,355,000	51,356,000	51,357,000	51,358,000	51,359,000	51,360,000
51,361,000	51,362,000	51,363,000	51,364,000	51,365,000	51,366,000	51,367,000	51,368,000
51,369,000	51,370,000	51,371,000	51,372,000	51,373,000	51,374,000	51,375,000	51,376,000
51,377,000	51,378,000	51,379,000	51,380,000	51,381,000	51,382,000	51,383,000	51,384,000
51,385,000	51,386,000	51,387,000	51,388,000	51,389,000	51,390,000	51,391,000	51,392,000
51,393,000	51,394,000	51,395,000	51,396,000	51,397,000	51,398,000	51,399,000	51,400,000
51,401,000	51,402,000	51,403,000	51,404,000	51,405,000	51,406,000	51,407,000	51,408,000
51,409,000	51,410,000	51,411,000	51,412,000	51,413,000	51,414,000	51,415,000	51,416,000
51,417,000	51,418,000	51,419,000	51,420,000	51,421,000	51,422,000	51,423,000	51,424,000
51,425,000	51,426,000	51,427,000	51,428,000	51,429,000	51,430,000	51,431,000	51,432,000
51,433,000	51,434,000	51,435,000	51,436,000	51,437,000	51,438,000	51,439,000	51,440,000
51,441,000	51,442,000	51,443,000	51,444,000	51,445,000	51,446,000	51,447,000	51,448,000
51,449,000	51,450,000	51,451,000	51,452,000	51,453,000	51,454,000	51,455,000	51,456,000
51,457,000	51,458,000	51,459,000	51,460,000	51,461,000	51,462,000	51,463,000	51,464,000
51,465,000	51,466,000	51,467,000	51,468,000	51,469,000	51,470,000	51,471,000	51,472,000

NE



Supplemental Figure S8



Supplemental Figure S8

51,697,000	51,698,000	51,699,000	51,700,000	51,701,000	51,702,000	51,703,000	51,704,000
51,705,000	51,706,000	51,707,000	51,708,000	51,709,000	51,710,000	51,711,000	51,712,000
51,713,000	51,714,000	51,715,000	51,716,000	51,717,000	51,718,000	51,719,000	51,720,000
51,721,000	51,722,000	51,723,000	51,724,000	51,725,000	51,726,000	51,727,000	51,728,000
51,729,000	51,730,000	51,731,000	51,732,000	51,733,000	51,734,000	51,735,000	51,736,000
51,737,000	51,738,000	51,739,000	51,740,000	51,741,000	51,742,000	51,743,000	51,744,000
51,745,000	51,746,000	51,747,000	51,748,000	51,749,000	51,750,000	51,751,000	51,752,000
51,753,000	51,754,000	51,755,000	51,756,000	51,757,000	51,758,000	51,759,000	51,760,000
51,761,000	51,762,000	51,763,000	51,764,000	51,765,000	51,766,000	51,767,000	51,768,000
51,769,000	51,770,000	51,771,000	51,772,000	51,773,000	51,774,000	51,775,000	51,776,000
51,777,000	51,778,000	51,779,000	51,780,000	51,781,000	51,782,000	51,783,000	51,784,000
51,785,000	51,786,000	51,787,000	51,788,000	51,789,000	51,790,000	51,791,000	51,792,000
51,793,000	51,794,000	51,795,000	51,796,000	51,797,000	51,798,000	51,799,000	51,800,000
51,801,000	51,802,000	51,803,000	51,804,000	51,805,000	51,806,000	51,807,000	51,808,000
51,809,000	51,810,000	51,811,000	51,812,000	51,813,000	51,814,000	51,815,000	51,816,000
51,817,000	51,818,000	51,819,000	51,820,000	51,821,000	51,822,000	51,823,000	51,824,000
51,825,000	51,826,000	51,827,000	51,828,000	51,829,000	51,830,000	51,831,000	51,832,000
51,833,000	51,834,000	51,835,000	51,836,000	51,837,000	51,838,000	51,839,000	51,840,000
51,841,000	51,842,000	51,843,000	51,844,000	51,845,000	51,846,000	51,847,000	51,848,000
51,849,000	51,850,000	51,851,000	51,852,000	51,853,000	51,854,000	51,855,000	51,856,000
51,857,000	51,858,000	51,859,000	51,860,000	51,861,000	51,862,000	51,863,000	51,864,000
51,865,000	51,866,000	51,867,000	51,868,000	51,869,000	51,870,000	51,871,000	51,872,000
51,873,000	51,874,000	51,875,000	51,876,000	51,877,000	51,878,000	51,879,000	51,880,000

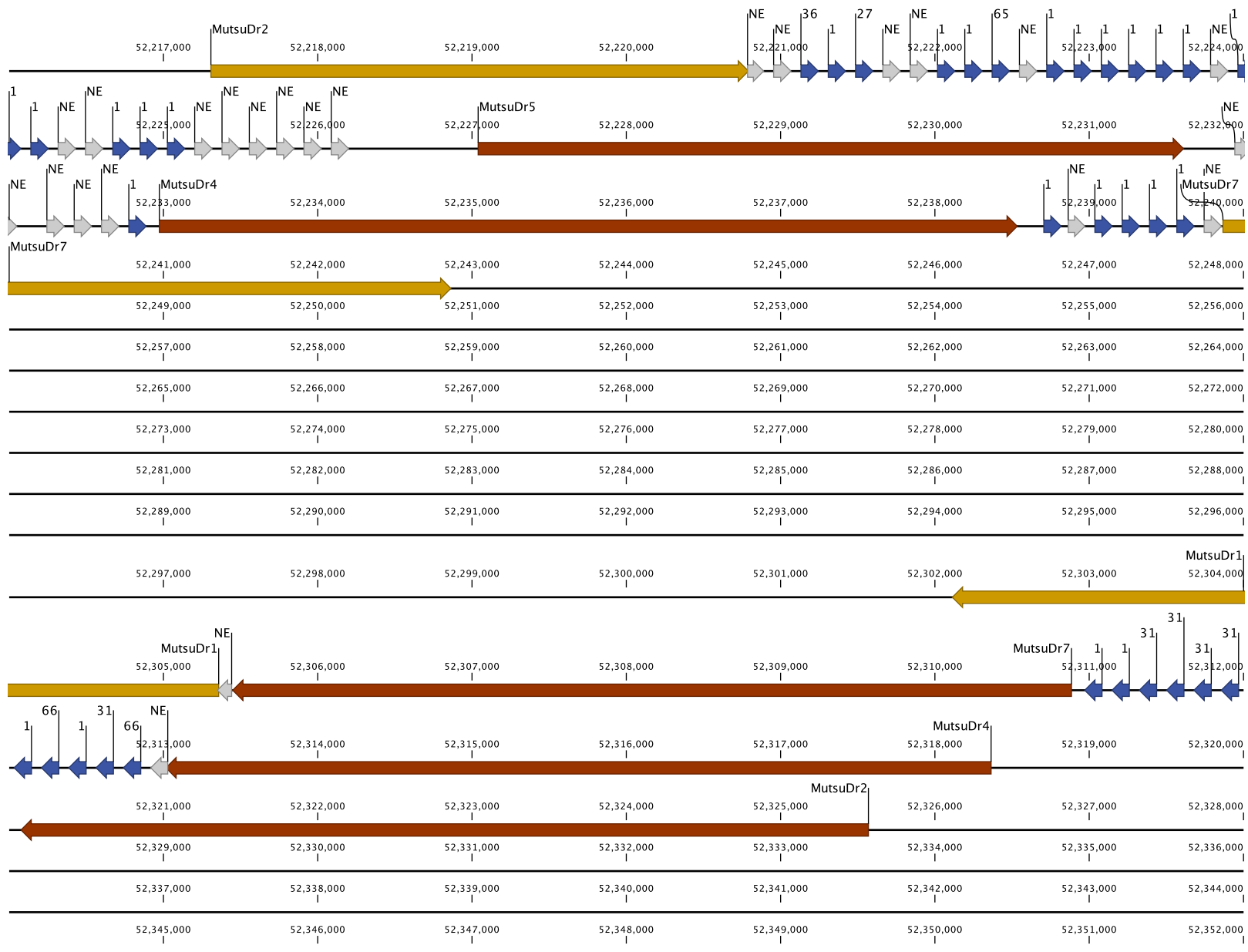
Supplemental Figure S8

51,881,000	51,882,000	51,883,000	51,884,000	51,885,000	51,886,000	51,887,000	51,888,000
51,889,000	51,890,000	51,891,000	51,892,000	51,893,000	51,894,000	51,895,000	51,896,000
51,897,000	51,898,000	51,899,000	51,900,000	51,901,000	51,902,000	51,903,000	51,904,000
51,905,000	51,906,000	51,907,000	51,908,000	51,909,000	51,910,000	51,911,000	51,912,000
51,913,000	51,914,000	51,915,000	51,916,000	51,917,000	51,918,000	51,919,000	51,920,000
51,921,000	51,922,000	51,923,000	51,924,000	51,925,000	51,926,000	51,927,000	51,928,000
51,929,000	51,930,000	51,931,000	51,932,000	51,933,000	51,934,000	51,935,000	51,936,000
51,937,000	51,938,000	51,939,000	51,940,000	51,941,000	51,942,000	51,943,000	51,944,000
51,945,000	51,946,000	51,947,000	51,948,000	51,949,000	51,950,000	51,951,000	51,952,000
51,953,000	51,954,000	51,955,000	51,956,000	51,957,000	51,958,000	51,959,000	51,960,000
51,961,000	51,962,000	51,963,000	51,964,000	51,965,000	51,966,000	51,967,000	51,968,000
51,969,000	51,970,000	51,971,000	51,972,000	51,973,000	51,974,000	51,975,000	51,976,000
51,977,000	51,978,000	51,979,000	51,980,000	51,981,000	51,982,000	51,983,000	51,984,000
51,985,000	51,986,000	51,987,000	51,988,000	51,989,000	51,990,000	51,991,000	51,992,000
51,993,000	51,994,000	51,995,000	51,996,000	51,997,000	51,998,000	51,999,000	52,000,000
52,001,000	52,002,000	52,003,000	52,004,000	52,005,000	52,006,000	52,007,000	52,008,000
52,009,000	52,010,000	52,011,000	52,012,000	52,013,000	52,014,000	52,015,000	52,016,000
52,017,000	52,018,000	52,019,000	52,020,000	52,021,000	52,022,000	52,023,000	52,024,000
52,025,000	52,026,000	52,027,000	52,028,000	52,029,000	52,030,000	52,031,000	52,032,000
52,033,000	52,034,000	52,035,000	52,036,000	52,037,000	52,038,000	52,039,000	52,040,000
52,041,000	52,042,000	52,043,000	52,044,000	52,045,000	52,046,000	52,047,000	52,048,000
52,049,000	52,050,000	52,051,000	52,052,000	52,053,000	52,054,000	52,055,000	52,056,000
52,057,000	52,058,000	52,059,000	52,060,000	52,061,000	52,062,000	52,063,000	52,064,000

Supplemental Figure S8



Supplemental Figure S8



Supplemental Figure S8

52,353,000	52,354,000	52,355,000	52,356,000	52,357,000	52,358,000	52,359,000	52,360,000
52,361,000	52,362,000	52,363,000	52,364,000	52,365,000	52,366,000	52,367,000	52,368,000
52,369,000	52,370,000	52,371,000	52,372,000	52,373,000	52,374,000	52,375,000	52,376,000
52,377,000	52,378,000	52,379,000	52,380,000	52,381,000	52,382,000	52,383,000	52,384,000
52,385,000	52,386,000	52,387,000	52,388,000	52,389,000	52,390,000	52,391,000	52,392,000
52,393,000	52,394,000	52,395,000	52,396,000	52,397,000	52,398,000	52,399,000	52,400,000
52,401,000	52,402,000	52,403,000	52,404,000	52,405,000	52,406,000	52,407,000	52,408,000
52,409,000	52,410,000	52,411,000	52,412,000	52,413,000	52,414,000	52,415,000	52,416,000
52,417,000	52,418,000	52,419,000	52,420,000	52,421,000	52,422,000	52,423,000	52,424,000
52,425,000	52,426,000	52,427,000	52,428,000	52,429,000	52,430,000	52,431,000	52,432,000
52,433,000	52,434,000	52,435,000	52,436,000	52,437,000	52,438,000	52,439,000	52,440,000
52,441,000	52,442,000	52,443,000	52,444,000	52,445,000	52,446,000	52,447,000	52,448,000
52,449,000	52,450,000	52,451,000	52,452,000	52,453,000	52,454,000	52,455,000	52,456,000
52,457,000	52,458,000	52,459,000	52,460,000	52,461,000	52,462,000	52,463,000	52,464,000
52,465,000	52,466,000	52,467,000	52,468,000	52,469,000	52,470,000	52,471,000	52,472,000
52,473,000	52,474,000	52,475,000	52,476,000	52,477,000	52,478,000	52,479,000	52,480,000
52,481,000	52,482,000	52,483,000	52,484,000	52,485,000	52,486,000	52,487,000	52,488,000
52,489,000	52,490,000	52,491,000	52,492,000	52,493,000	52,494,000	52,495,000	52,496,000
52,497,000	52,498,000	52,499,000	52,500,000	52,501,000	52,502,000	52,503,000	52,504,000
52,505,000	52,506,000	52,507,000	52,508,000	52,509,000	52,510,000	52,511,000	52,512,000
52,513,000	52,514,000	52,515,000	52,516,000	52,517,000	52,518,000	52,519,000	52,520,000
52,521,000	52,522,000	52,523,000	52,524,000	52,525,000	52,526,000	52,527,000	52,528,000
52,529,000	52,530,000	52,531,000	52,532,000	52,533,000	52,534,000	52,535,000	52,536,000

NE



Supplemental Figure S8

52,537,000	52,538,000	52,539,000	52,540,000	52,541,000	52,542,000	52,543,000	52,544,000
52,545,000	52,546,000	52,547,000	52,548,000	52,549,000	52,550,000	52,551,000	52,552,000
52,553,000	52,554,000	52,555,000	52,556,000	52,557,000	52,558,000	52,559,000	52,560,000
52,561,000	52,562,000	52,563,000	52,564,000	52,565,000	52,566,000	52,567,000	52,568,000
52,569,000	52,570,000	52,571,000	52,572,000	52,573,000	52,574,000	52,575,000	52,576,000
52,577,000	52,578,000	52,579,000	52,580,000	52,581,000	52,582,000	52,583,000	52,584,000
52,585,000	52,586,000	52,587,000	52,588,000	52,589,000	52,590,000	52,591,000	52,592,000
52,593,000	52,594,000	52,595,000	52,596,000	52,597,000	52,598,000	52,599,000	52,600,000
52,601,000	52,602,000	52,603,000	52,604,000	52,605,000	52,606,000	52,607,000	52,608,000
52,609,000	52,610,000	52,611,000	52,612,000	52,613,000	52,614,000	52,615,000	52,616,000
52,617,000	52,618,000	52,619,000	52,620,000	52,621,000	52,622,000	52,623,000	52,624,000
52,625,000	52,626,000	52,627,000	52,628,000	52,629,000	52,630,000	52,631,000	52,632,000
52,633,000	52,634,000	52,635,000	52,636,000	52,637,000	52,638,000	52,639,000	52,640,000
52,641,000	52,642,000	52,643,000	52,644,000	52,645,000	52,646,000	52,647,000	52,648,000
52,649,000	52,650,000	52,651,000	52,652,000	52,653,000	52,654,000	52,655,000	52,656,000
52,657,000	52,658,000	52,659,000	52,660,000	52,661,000	52,662,000	52,663,000	52,664,000
52,665,000	52,666,000	52,667,000	52,668,000	52,669,000	52,670,000	52,671,000	52,672,000
52,673,000	52,674,000	52,675,000	52,676,000	52,677,000	52,678,000	52,679,000	52,680,000
52,681,000	52,682,000	52,683,000	52,684,000	52,685,000	52,686,000	52,687,000	52,688,000
52,689,000	52,690,000	52,691,000	52,692,000	52,693,000	52,694,000	52,695,000	52,696,000
52,697,000	52,698,000	52,699,000	52,700,000	52,701,000	52,702,000	52,703,000	52,704,000
52,705,000	52,706,000	52,707,000	52,708,000	52,709,000	52,710,000	52,711,000	52,712,000
52,713,000	52,714,000	52,715,000	52,716,000	52,717,000	52,718,000	52,719,000	52,720,000

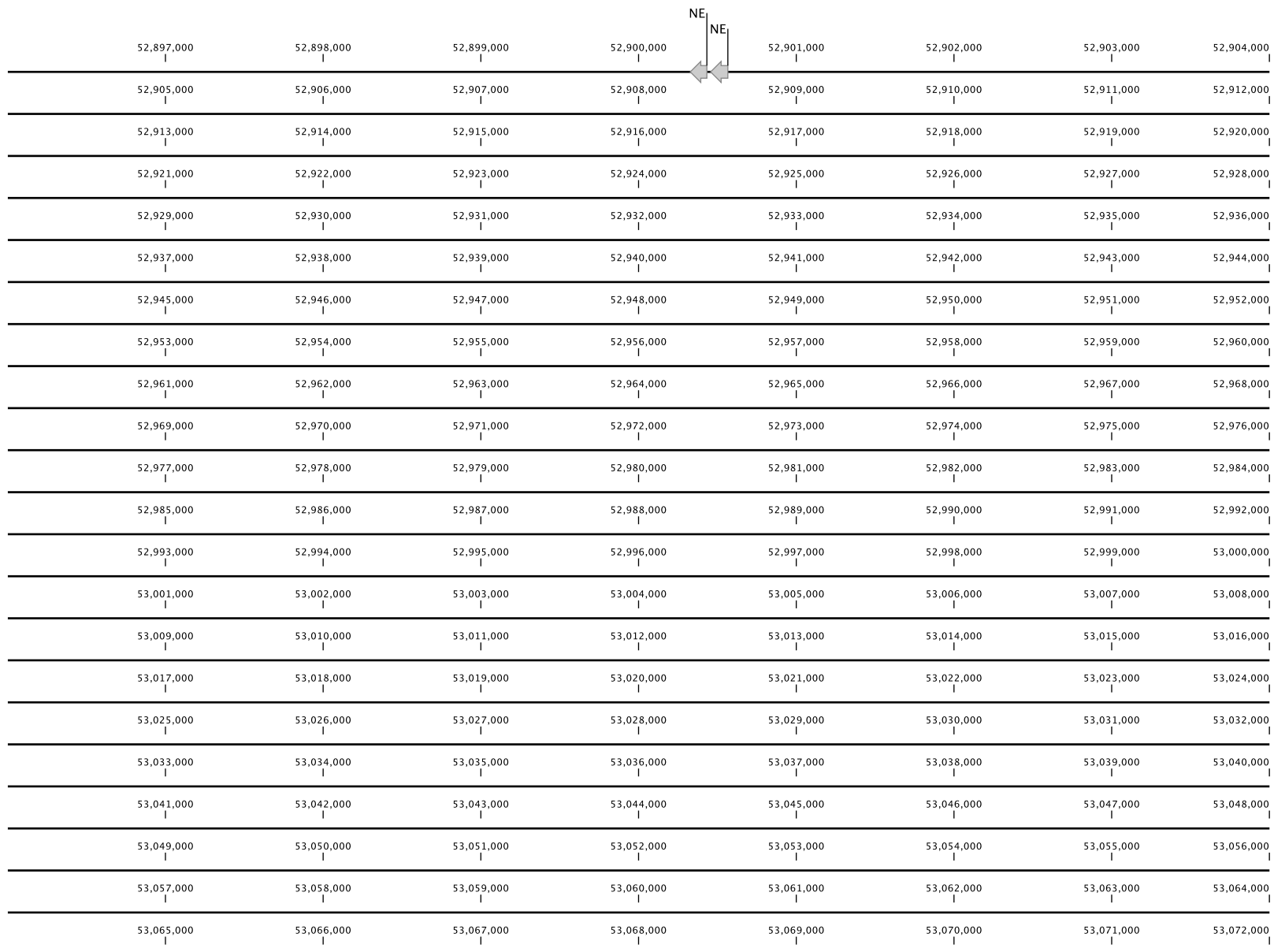
NE



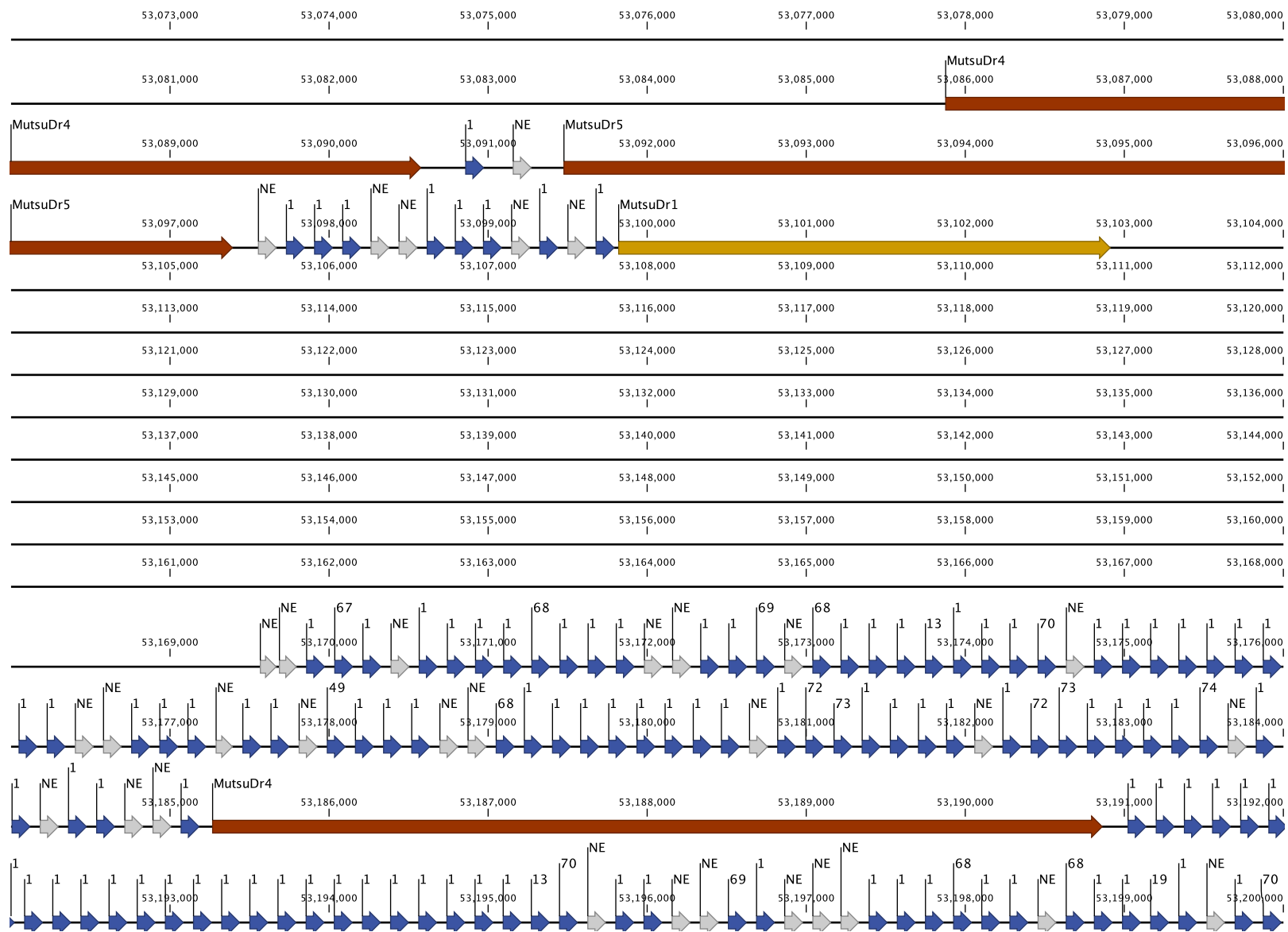
Supplemental Figure S8

52,721,000	52,722,000	52,723,000	52,724,000	52,725,000	52,726,000	52,727,000	52,728,000
52,729,000	52,730,000	52,731,000	52,732,000	52,733,000	52,734,000	52,735,000	52,736,000
52,737,000	52,738,000	52,739,000	52,740,000	52,741,000	52,742,000	52,743,000	52,744,000
52,745,000	52,746,000	52,747,000	52,748,000	52,749,000	52,750,000	52,751,000	52,752,000
52,753,000	52,754,000	52,755,000	52,756,000	52,757,000	52,758,000	52,759,000	52,760,000
52,761,000	52,762,000	52,763,000	52,764,000	52,765,000	52,766,000	52,767,000	52,768,000
52,769,000	52,770,000	52,771,000	52,772,000	52,773,000	52,774,000	52,775,000	52,776,000
52,777,000	52,778,000	52,779,000	52,780,000	52,781,000	52,782,000	52,783,000	52,784,000
52,785,000	52,786,000	52,787,000	52,788,000	52,789,000	52,790,000	52,791,000	52,792,000
52,793,000	52,794,000	52,795,000	52,796,000	52,797,000	52,798,000	52,799,000	52,800,000
52,801,000	52,802,000	52,803,000	52,804,000	52,805,000	52,806,000	52,807,000	52,808,000
52,809,000	52,810,000	52,811,000	52,812,000	52,813,000	52,814,000	52,815,000	52,816,000
52,817,000	52,818,000	52,819,000	52,820,000	52,821,000	52,822,000	52,823,000	52,824,000
52,825,000	52,826,000	52,827,000	52,828,000	52,829,000	52,830,000	52,831,000	52,832,000
52,833,000	52,834,000	52,835,000	52,836,000	52,837,000	52,838,000	52,839,000	52,840,000
52,841,000	52,842,000	52,843,000	52,844,000	52,845,000	52,846,000	52,847,000	52,848,000
52,849,000	52,850,000	52,851,000	52,852,000	52,853,000	52,854,000	52,855,000	52,856,000
52,857,000	52,858,000	52,859,000	52,860,000	52,861,000	52,862,000	52,863,000	52,864,000
52,865,000	52,866,000	52,867,000	52,868,000	52,869,000	52,870,000	52,871,000	52,872,000
52,873,000	52,874,000	52,875,000	52,876,000	52,877,000	52,878,000	52,879,000	52,880,000
52,881,000	52,882,000	52,883,000	52,884,000	52,885,000	52,886,000	52,887,000	52,888,000
52,889,000	52,890,000	52,891,000	52,892,000	52,893,000	52,894,000	52,895,000	52,896,000

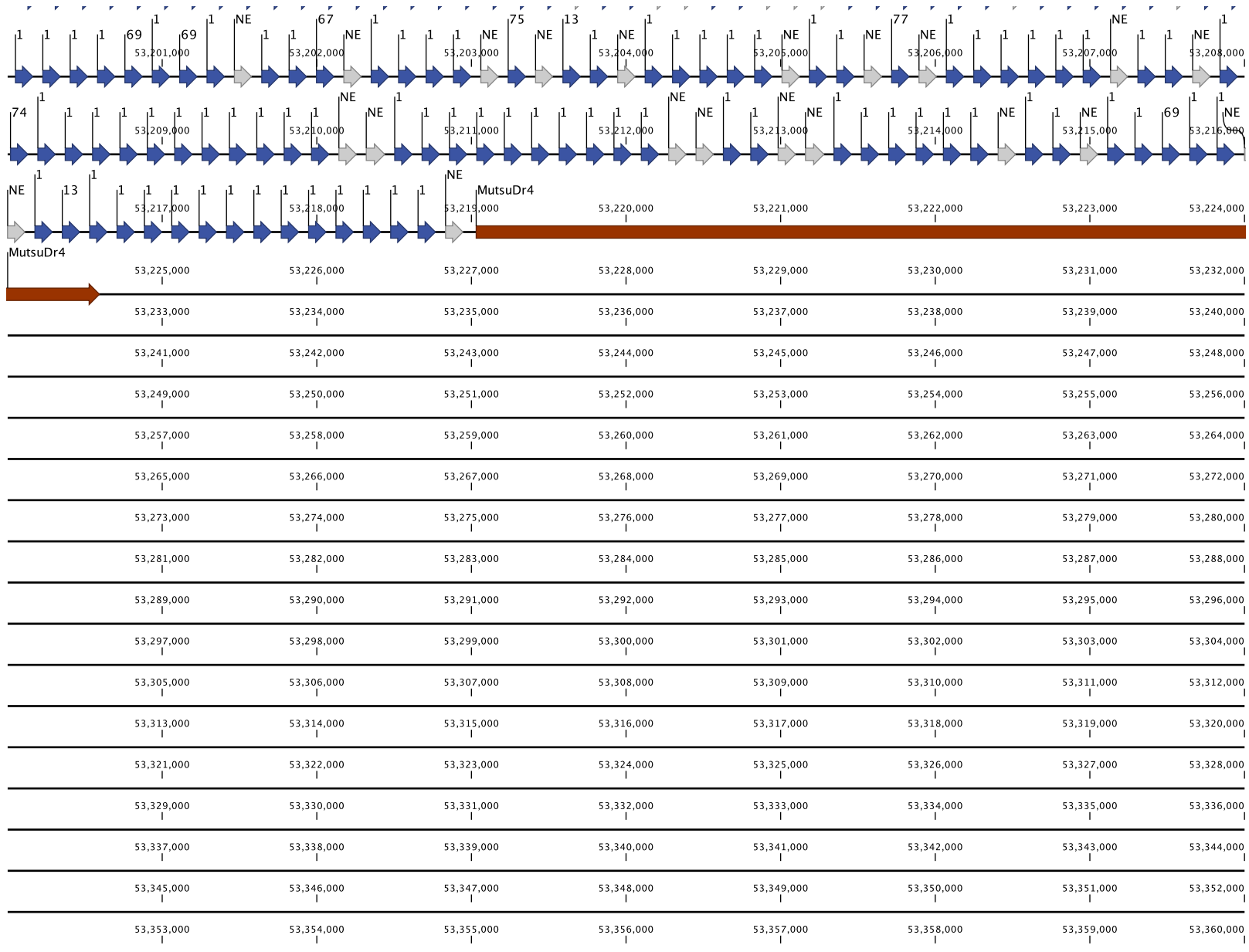
Supplemental Figure S8



Supplemental Figure S8



Supplemental Figure S8



Supplemental Figure S8

53,361,000	53,362,000	53,363,000	53,364,000	53,365,000	53,366,000	53,367,000	53,368,000
53,369,000	53,370,000	53,371,000	53,372,000	53,373,000	53,374,000	53,375,000	53,376,000
53,377,000	53,378,000	53,379,000	53,380,000	53,381,000	53,382,000	53,383,000	53,384,000
53,385,000	53,386,000	53,387,000	53,388,000	53,389,000	53,390,000	53,391,000	53,392,000
53,393,000	53,394,000	53,395,000	53,396,000	53,397,000	53,398,000	53,399,000	53,400,000
53,401,000	53,402,000	53,403,000	53,404,000	53,405,000	53,406,000	53,407,000	53,408,000
53,409,000	53,410,000	53,411,000	53,412,000	53,413,000	53,414,000	53,415,000	53,416,000
53,417,000	53,418,000	53,419,000	53,420,000	53,421,000	53,422,000	53,423,000	53,424,000
53,425,000	53,426,000	53,427,000	53,428,000	53,429,000	53,430,000	53,431,000	53,432,000
53,433,000	53,434,000	53,435,000	53,436,000	53,437,000	53,438,000	53,439,000	53,440,000
53,441,000	53,442,000	53,443,000	53,444,000	53,445,000	53,446,000	53,447,000	53,448,000
53,449,000	53,450,000	53,451,000	53,452,000	53,453,000	53,454,000	53,455,000	53,456,000
53,457,000	53,458,000	53,459,000	53,460,000	53,461,000	53,462,000	53,463,000	53,464,000
53,465,000	53,466,000	53,467,000	53,468,000	53,469,000	53,470,000	53,471,000	53,472,000
53,473,000	53,474,000	53,475,000	53,476,000	53,477,000	53,478,000	53,479,000	53,480,000
53,481,000	53,482,000	53,483,000	53,484,000	53,485,000	53,486,000	53,487,000	53,488,000
53,489,000	53,490,000	53,491,000	53,492,000	53,493,000	53,494,000	53,495,000	53,496,000
53,497,000	53,498,000	53,499,000	53,500,000	53,501,000	53,502,000	53,503,000	53,504,000
53,505,000	53,506,000	53,507,000	53,508,000	53,509,000	53,510,000	53,511,000	53,512,000
53,513,000	53,514,000	53,515,000	53,516,000	53,517,000	53,518,000	53,519,000	53,520,000
53,521,000	53,522,000	53,523,000	53,524,000	53,525,000	53,526,000	53,527,000	53,528,000
53,529,000	53,530,000	53,531,000	53,532,000	53,533,000	53,534,000	53,535,000	53,536,000
53,537,000	53,538,000	53,539,000	53,540,000	53,541,000	53,542,000	53,543,000	53,544,000

NE

Supplemental Figure S8

53,545,000	53,546,000	53,547,000	53,548,000	53,549,000	53,550,000	53,551,000	53,552,000
53,553,000	53,554,000	53,555,000	53,556,000	53,557,000	53,558,000	53,559,000	53,560,000
53,561,000	53,562,000	53,563,000	53,564,000	53,565,000	53,566,000	53,567,000	53,568,000
53,569,000	53,570,000	53,571,000	53,572,000	53,573,000	53,574,000	53,575,000	53,576,000
53,577,000	53,578,000	53,579,000	53,580,000	53,581,000	53,582,000	53,583,000	53,584,000
53,585,000	53,586,000	53,587,000	53,588,000	53,589,000	53,590,000	53,591,000	53,592,000
53,593,000	53,594,000	53,595,000	53,596,000	53,597,000	53,598,000	53,599,000	53,600,000
53,601,000	53,602,000	53,603,000	53,604,000	53,605,000	53,606,000	53,607,000	53,608,000
53,609,000	53,610,000	53,611,000	53,612,000	53,613,000	53,614,000	53,615,000	53,616,000
53,617,000	53,618,000	53,619,000	53,620,000	53,621,000	53,622,000	53,623,000	53,624,000
53,625,000	53,626,000	53,627,000	53,628,000	53,629,000	53,630,000	53,631,000	53,632,000
53,633,000	53,634,000	53,635,000	53,636,000	53,637,000	53,638,000	53,639,000	53,640,000
53,641,000	53,642,000	53,643,000	53,644,000	53,645,000	53,646,000	53,647,000	53,648,000
53,649,000	53,650,000	53,651,000	53,652,000	53,653,000	53,654,000	53,655,000	53,656,000
53,657,000	53,658,000	53,659,000	53,660,000	53,661,000	53,662,000	53,663,000	53,664,000
53,665,000	53,666,000	53,667,000	53,668,000	53,669,000	53,670,000	53,671,000	53,672,000
53,673,000	53,674,000	53,675,000	53,676,000	53,677,000	53,678,000	53,679,000	53,680,000
53,681,000	53,682,000	53,683,000	53,684,000	53,685,000	53,686,000	53,687,000	53,688,000
53,689,000	53,690,000	53,691,000	53,692,000	53,693,000	53,694,000	53,695,000	53,696,000
53,697,000	53,698,000	53,699,000	53,700,000	53,701,000	53,702,000	53,703,000	53,704,000
53,705,000	53,706,000	53,707,000	53,708,000	53,709,000	53,710,000	53,711,000	53,712,000
53,713,000	53,714,000	53,715,000	53,716,000	53,717,000	53,718,000	53,719,000	53,720,000
53,721,000	53,722,000	53,723,000	53,724,000	53,725,000	53,726,000	53,727,000	53,728,000

Supplemental Figure S8

53,729,000	53,730,000	53,731,000	53,732,000	53,733,000	53,734,000	53,735,000	53,736,000
53,737,000	53,738,000	53,739,000	53,740,000	53,741,000	53,742,000	53,743,000	53,744,000
53,745,000	53,746,000	53,747,000	53,748,000	53,749,000	53,750,000	53,751,000	53,752,000
53,753,000	53,754,000	53,755,000	53,756,000	53,757,000	53,758,000	53,759,000	53,760,000
53,761,000	53,762,000	53,763,000	53,764,000	53,765,000	53,766,000	53,767,000	53,768,000
53,769,000	53,770,000	53,771,000	53,772,000	53,773,000	53,774,000	53,775,000	53,776,000
53,777,000	53,778,000	53,779,000	53,780,000	53,781,000	53,782,000	53,783,000	53,784,000
53,785,000	53,786,000	53,787,000	53,788,000	53,789,000	53,790,000	53,791,000	53,792,000
53,793,000	53,794,000	53,795,000	53,796,000	53,797,000	53,798,000	53,799,000	53,800,000
53,801,000	53,802,000	53,803,000	53,804,000	53,805,000	53,806,000	53,807,000	53,808,000
53,809,000	53,810,000	53,811,000	53,812,000	53,813,000	53,814,000	53,815,000	53,816,000
53,817,000	53,818,000	53,819,000	53,820,000	53,821,000	53,822,000	53,823,000	53,824,000
53,825,000	53,826,000	53,827,000	53,828,000	53,829,000	53,830,000	53,831,000	53,832,000
53,833,000	53,834,000	53,835,000	53,836,000	53,837,000	53,838,000	53,839,000	53,840,000
53,841,000	53,842,000	53,843,000	53,844,000	53,845,000	53,846,000	53,847,000	53,848,000
53,849,000	53,850,000	53,851,000	53,852,000	53,853,000	53,854,000	53,855,000	53,856,000
53,857,000	53,858,000	53,859,000	53,860,000	53,861,000	53,862,000	53,863,000	53,864,000
53,865,000	53,866,000	53,867,000	53,868,000	53,869,000	53,870,000	53,871,000	53,872,000
53,873,000	53,874,000	53,875,000	53,876,000	53,877,000	53,878,000	53,879,000	53,880,000
53,881,000	53,882,000	53,883,000	53,884,000	53,885,000	53,886,000	53,887,000	53,888,000
53,889,000	53,890,000	53,891,000	53,892,000	53,893,000	53,894,000	53,895,000	53,896,000
53,897,000	53,898,000	53,899,000	53,900,000	53,901,000	53,902,000	53,903,000	53,904,000
53,905,000	53,906,000	53,907,000	53,908,000	53,909,000	53,910,000	53,911,000	53,912,000

Supplemental Figure S8

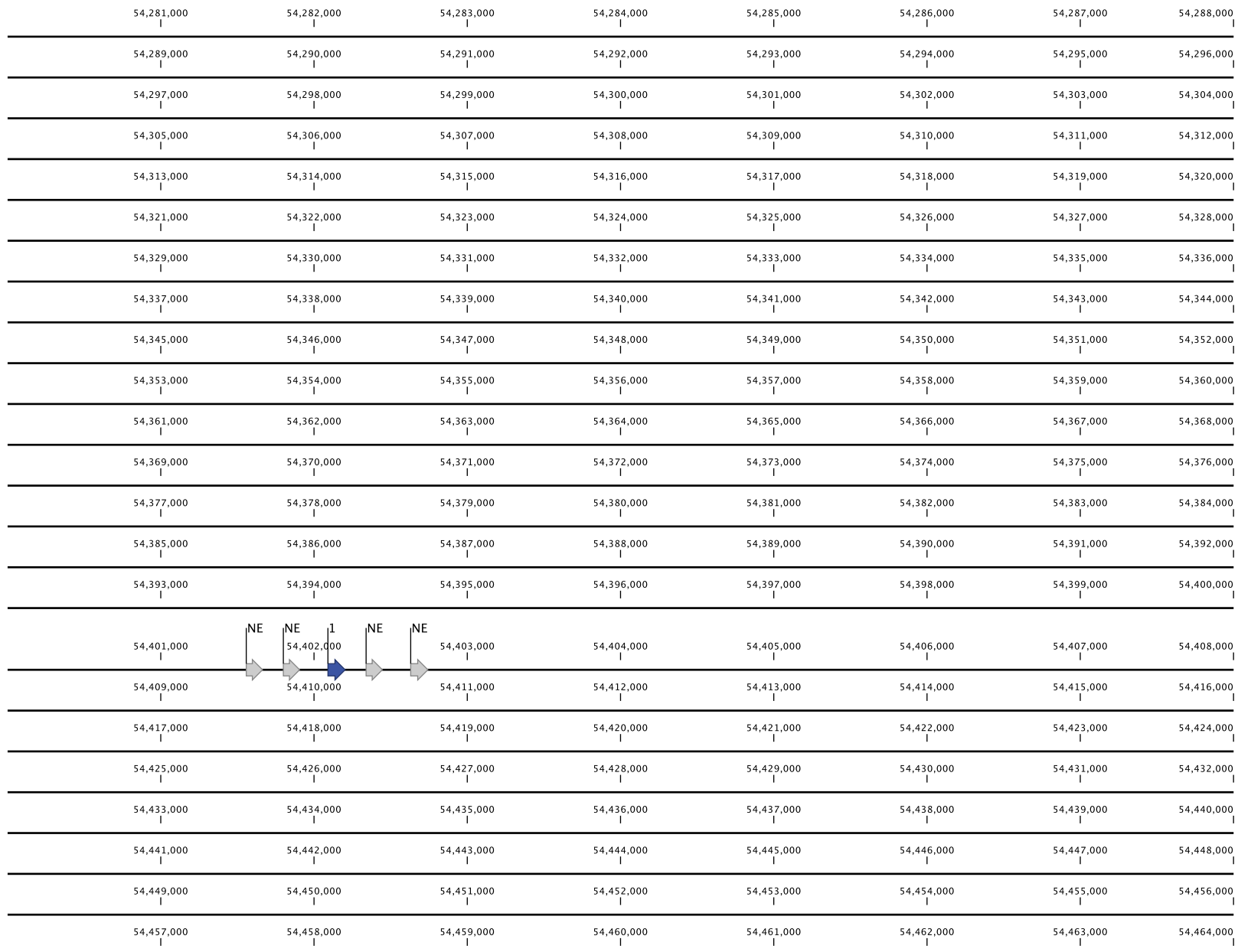
53,913,000	53,914,000	53,915,000	53,916,000	53,917,000	53,918,000	53,919,000	53,920,000
53,921,000	53,922,000	53,923,000	53,924,000	53,925,000	53,926,000	53,927,000	53,928,000
53,929,000	53,930,000	53,931,000	53,932,000	53,933,000	53,934,000	53,935,000	53,936,000
53,937,000	53,938,000	53,939,000	53,940,000	53,941,000	53,942,000	53,943,000	53,944,000
53,945,000	53,946,000	53,947,000	53,948,000	53,949,000	53,950,000	53,951,000	53,952,000
53,953,000	53,954,000	53,955,000	53,956,000	53,957,000	53,958,000	53,959,000	53,960,000
53,961,000	53,962,000	53,963,000	53,964,000	53,965,000	53,966,000	53,967,000	53,968,000
53,969,000	53,970,000	53,971,000	53,972,000	53,973,000	53,974,000	53,975,000	53,976,000
53,977,000	53,978,000	53,979,000	53,980,000	53,981,000	53,982,000	53,983,000	53,984,000
53,985,000	53,986,000	53,987,000	53,988,000	53,989,000	53,990,000	53,991,000	53,992,000
53,993,000	53,994,000	53,995,000	53,996,000	53,997,000	53,998,000	53,999,000	54,000,000
54,001,000	54,002,000	54,003,000	54,004,000	54,005,000	54,006,000	54,007,000	54,008,000
54,009,000	54,010,000	54,011,000	54,012,000	54,013,000	54,014,000	54,015,000	54,016,000
54,017,000	54,018,000	54,019,000	54,020,000	54,021,000	54,022,000	54,023,000	54,024,000
54,025,000	54,026,000	54,027,000	54,028,000	54,029,000	54,030,000	54,031,000	54,032,000
54,033,000	54,034,000	54,035,000	54,036,000	54,037,000	54,038,000	54,039,000	54,040,000
54,041,000	54,042,000	54,043,000	54,044,000	54,045,000	54,046,000	54,047,000	54,048,000
54,049,000	54,050,000	54,051,000	54,052,000	54,053,000	54,054,000	54,055,000	54,056,000
54,057,000	54,058,000	54,059,000	54,060,000	54,061,000	54,062,000	54,063,000	54,064,000
54,065,000	54,066,000	54,067,000	54,068,000	54,069,000	54,070,000	54,071,000	54,072,000
54,073,000	54,074,000	54,075,000	54,076,000	54,077,000	54,078,000	54,079,000	54,080,000
54,081,000	54,082,000	54,083,000	54,084,000	54,085,000	54,086,000	54,087,000	54,088,000
54,089,000	54,090,000	54,091,000	54,092,000	54,093,000	54,094,000	54,095,000	54,096,000

Supplemental Figure S8

54,097,000	54,098,000	54,099,000	54,100,000	54,101,000	54,102,000	54,103,000	54,104,000
54,105,000	54,106,000	54,107,000	54,108,000	54,109,000	54,110,000	54,111,000	54,112,000
54,113,000	54,114,000	54,115,000	54,116,000	54,117,000	54,118,000	54,119,000	54,120,000
54,121,000	54,122,000	54,123,000	54,124,000	54,125,000	54,126,000	54,127,000	54,128,000
54,129,000	54,130,000	54,131,000	54,132,000	54,133,000	54,134,000	54,135,000	54,136,000
54,137,000	54,138,000	54,139,000	54,140,000	54,141,000	54,142,000	54,143,000	54,144,000
54,145,000	54,146,000	54,147,000	54,148,000	54,149,000	54,150,000	54,151,000	54,152,000
54,153,000	54,154,000	54,155,000	54,156,000	54,157,000	54,158,000	54,159,000	54,160,000
54,161,000	54,162,000	54,163,000	54,164,000	54,165,000	54,166,000	54,167,000	54,168,000
54,169,000	54,170,000	54,171,000	54,172,000	54,173,000	54,174,000	54,175,000	54,176,000
54,177,000	54,178,000	54,179,000	54,180,000	54,181,000	54,182,000	54,183,000	54,184,000
54,185,000	54,186,000	54,187,000	54,188,000	54,189,000	54,190,000	54,191,000	54,192,000
54,193,000	54,194,000	54,195,000	54,196,000	54,197,000	54,198,000	54,199,000	54,200,000
54,201,000	54,202,000	54,203,000	54,204,000	54,205,000	54,206,000	54,207,000	54,208,000
54,209,000	54,210,000	54,211,000	54,212,000	54,213,000	54,214,000	54,215,000	54,216,000
54,217,000	54,218,000	54,219,000	54,220,000	54,221,000	54,222,000	54,223,000	54,224,000
54,225,000	54,226,000	54,227,000	54,228,000	54,229,000	54,230,000	54,231,000	54,232,000
54,233,000	54,234,000	54,235,000	54,236,000	54,237,000	54,238,000	54,239,000	54,240,000
54,241,000	54,242,000	54,243,000	54,244,000	54,245,000	54,246,000	54,247,000	54,248,000
54,249,000	54,250,000	54,251,000	54,252,000	54,253,000	54,254,000	54,255,000	54,256,000
54,257,000	54,258,000	54,259,000	54,260,000	54,261,000	54,262,000	54,263,000	54,264,000
54,265,000	54,266,000	54,267,000	54,268,000	54,269,000	54,270,000	54,271,000	54,272,000
54,273,000	54,274,000	54,275,000	54,276,000	54,277,000	54,278,000	54,279,000	54,280,000

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Supplemental Figure S8



Supplemental Figure S8

54,465,000	54,466,000	54,467,000	54,468,000	54,469,000	54,470,000	54,471,000	54,472,000
54,473,000	54,474,000	54,475,000	54,476,000	54,477,000	54,478,000	54,479,000	54,480,000
54,481,000	54,482,000	54,483,000	54,484,000	54,485,000	54,486,000	54,487,000	54,488,000
54,489,000	54,490,000	54,491,000	54,492,000	54,493,000	54,494,000	54,495,000	54,496,000
54,497,000	54,498,000	54,499,000	54,500,000	54,501,000	54,502,000	54,503,000	54,504,000
54,505,000	54,506,000	54,507,000	54,508,000	54,509,000	54,510,000	54,511,000	54,512,000
54,513,000	54,514,000	54,515,000	54,516,000	54,517,000	54,518,000	54,519,000	54,520,000
54,521,000	54,522,000	54,523,000	54,524,000	54,525,000	54,526,000	54,527,000	54,528,000
54,529,000	54,530,000	54,531,000	54,532,000	54,533,000	54,534,000	54,535,000	54,536,000
54,537,000	54,538,000	54,539,000	54,540,000	54,541,000	54,542,000	54,543,000	54,544,000
54,545,000	54,546,000	54,547,000	54,548,000	54,549,000	54,550,000	54,551,000	54,552,000
54,553,000	54,554,000	54,555,000	54,556,000	54,557,000	54,558,000	54,559,000	54,560,000
54,561,000	54,562,000	54,563,000	54,564,000	54,565,000	54,566,000	54,567,000	54,568,000
54,569,000	54,570,000	54,571,000	54,572,000	54,573,000	54,574,000	54,575,000	54,576,000
54,577,000	54,578,000	54,579,000	54,580,000	54,581,000	54,582,000	54,583,000	54,584,000
54,585,000	54,586,000	54,587,000	54,588,000	54,589,000	54,590,000	54,591,000	54,592,000
54,593,000	54,594,000	54,595,000	54,596,000	54,597,000	54,598,000	54,599,000	54,600,000
54,601,000	54,602,000	54,603,000	54,604,000	54,605,000	54,606,000	54,607,000	54,608,000
54,609,000	54,610,000	54,611,000	54,612,000	54,613,000	54,614,000	54,615,000	54,616,000
54,617,000	54,618,000	54,619,000	54,620,000	54,621,000	54,622,000	54,623,000	54,624,000
54,625,000	54,626,000	54,627,000	54,628,000	54,629,000	54,630,000	54,631,000	54,632,000
54,633,000	54,634,000	54,635,000	54,636,000	54,637,000	54,638,000	54,639,000	54,640,000
54,641,000	54,642,000	54,643,000	54,644,000	54,645,000	54,646,000	54,647,000	54,648,000

Supplemental Figure S8

54,649,000	54,650,000	54,651,000	54,652,000	54,653,000	54,654,000	54,655,000	54,656,000
54,657,000	54,658,000	54,659,000	54,660,000	54,661,000	54,662,000	54,663,000	54,664,000
54,665,000	54,666,000	54,667,000	54,668,000	54,669,000	54,670,000	54,671,000	54,672,000
54,673,000	54,674,000	54,675,000	54,676,000	54,677,000	54,678,000	54,679,000	54,680,000
54,681,000	54,682,000	54,683,000	54,684,000	54,685,000	54,686,000	54,687,000	54,688,000
54,689,000	54,690,000	54,691,000	54,692,000	54,693,000	54,694,000	54,695,000	54,696,000
54,697,000	54,698,000	54,699,000	54,700,000	54,701,000	54,702,000	54,703,000	54,704,000
54,705,000	54,706,000	54,707,000	54,708,000	54,709,000	54,710,000	54,711,000	54,712,000
54,713,000	54,714,000	54,715,000	54,716,000	54,717,000	54,718,000	54,719,000	54,720,000
54,721,000	54,722,000	54,723,000	54,724,000	54,725,000	54,726,000	54,727,000	54,728,000
54,729,000	54,730,000	54,731,000	54,732,000	54,733,000	54,734,000	54,735,000	54,736,000
54,737,000	54,738,000	54,739,000	54,740,000	54,741,000	54,742,000	54,743,000	54,744,000
54,745,000	54,746,000	54,747,000	54,748,000	54,749,000	54,750,000	54,751,000	54,752,000
54,753,000	54,754,000	54,755,000	54,756,000	54,757,000	54,758,000	54,759,000	54,760,000
54,761,000	54,762,000	54,763,000	54,764,000	54,765,000	54,766,000	54,767,000	54,768,000
54,769,000	54,770,000	54,771,000	54,772,000	54,773,000	54,774,000	54,775,000	54,776,000
54,777,000	54,778,000	54,779,000	54,780,000	54,781,000	54,782,000	54,783,000	54,784,000
54,785,000	54,786,000	54,787,000	54,788,000	54,789,000	54,790,000	54,791,000	54,792,000
54,793,000	54,794,000	54,795,000	54,796,000	54,797,000	54,798,000	54,799,000	54,800,000
54,801,000	54,802,000	54,803,000	54,804,000	54,805,000	54,806,000	54,807,000	54,808,000
54,809,000	54,810,000	54,811,000	54,812,000	54,813,000	54,814,000	54,815,000	54,816,000
54,817,000	54,818,000	54,819,000	54,820,000	54,821,000	54,822,000	54,823,000	54,824,000
54,825,000	54,826,000	54,827,000	54,828,000	54,829,000	54,830,000	54,831,000	54,832,000

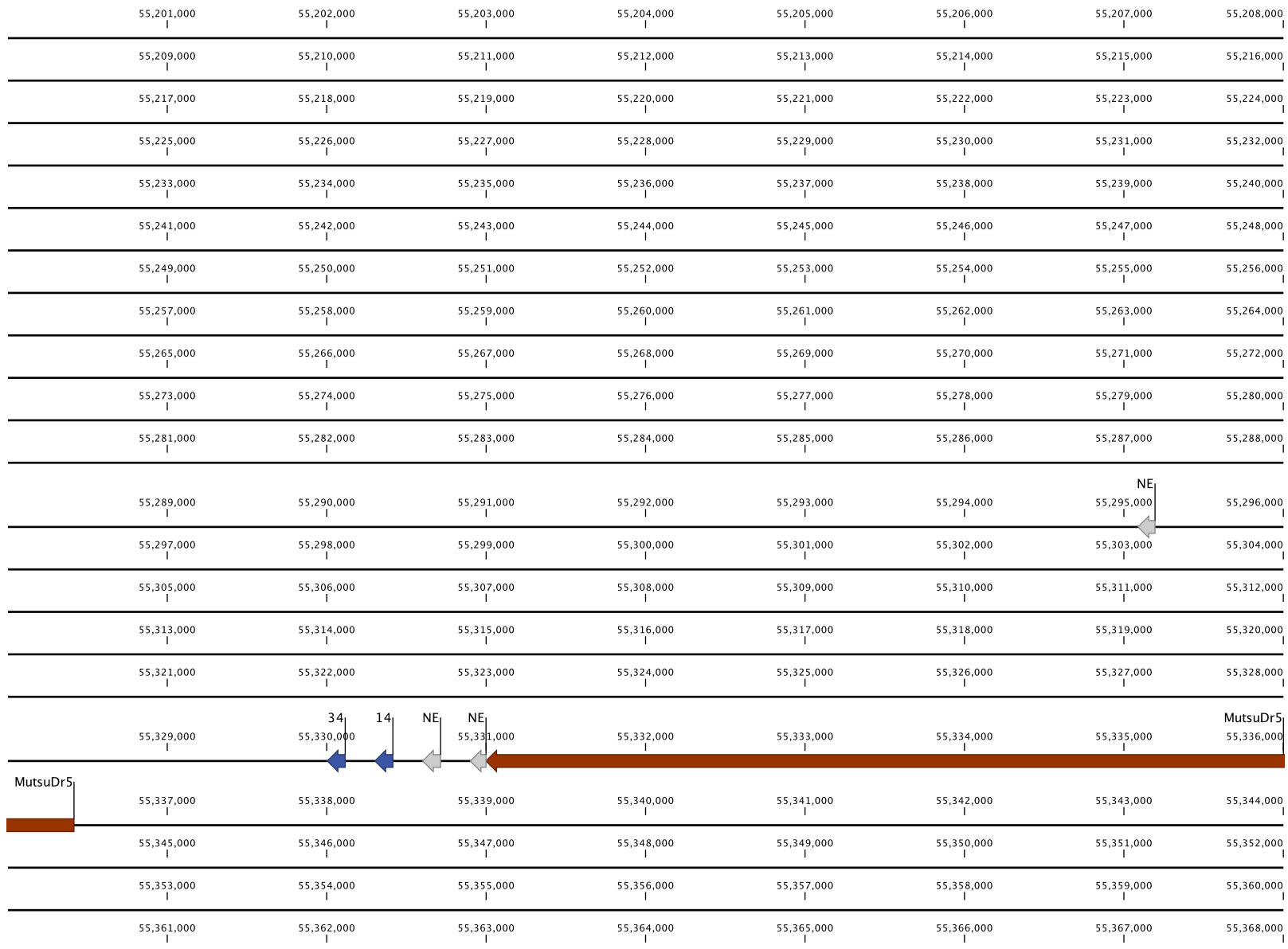
Supplemental Figure S8

54,833,000	54,834,000	54,835,000	54,836,000	54,837,000	54,838,000	54,839,000	54,840,000
54,841,000	54,842,000	54,843,000	54,844,000	54,845,000	54,846,000	54,847,000	54,848,000
54,849,000	54,850,000	54,851,000	54,852,000	54,853,000	54,854,000	54,855,000	54,856,000
54,857,000	54,858,000	54,859,000	54,860,000	54,861,000	54,862,000	54,863,000	54,864,000
54,865,000	54,866,000	54,867,000	54,868,000	54,869,000	54,870,000	54,871,000	54,872,000
54,873,000	54,874,000	54,875,000	54,876,000	54,877,000	54,878,000	54,879,000	54,880,000
54,881,000	54,882,000	54,883,000	54,884,000	54,885,000	54,886,000	54,887,000	54,888,000
54,889,000	54,890,000	54,891,000	54,892,000	54,893,000	54,894,000	54,895,000	54,896,000
54,897,000	54,898,000	54,899,000	54,900,000	54,901,000	54,902,000	54,903,000	54,904,000
54,905,000	54,906,000	54,907,000	54,908,000	54,909,000	54,910,000	54,911,000	54,912,000
54,913,000	54,914,000	54,915,000	54,916,000	54,917,000	54,918,000	54,919,000	54,920,000
54,921,000	54,922,000	54,923,000	54,924,000	54,925,000	54,926,000	54,927,000	54,928,000
54,929,000	54,930,000	54,931,000	54,932,000	54,933,000	54,934,000	54,935,000	54,936,000
54,937,000	54,938,000	54,939,000	54,940,000	54,941,000	54,942,000	54,943,000	54,944,000
54,945,000	54,946,000	54,947,000	54,948,000	54,949,000	54,950,000	54,951,000	54,952,000
54,953,000	54,954,000	54,955,000	54,956,000	54,957,000	54,958,000	54,959,000	54,960,000
54,961,000	54,962,000	54,963,000	54,964,000	54,965,000	54,966,000	54,967,000	54,968,000
54,969,000	54,970,000	54,971,000	54,972,000	54,973,000	54,974,000	54,975,000	54,976,000
54,977,000	54,978,000	54,979,000	54,980,000	54,981,000	54,982,000	54,983,000	54,984,000
54,985,000	54,986,000	54,987,000	54,988,000	54,989,000	54,990,000	54,991,000	54,992,000
54,993,000	54,994,000	54,995,000	54,996,000	54,997,000	54,998,000	54,999,000	55,000,000
55,001,000	55,002,000	55,003,000	55,004,000	55,005,000	55,006,000	55,007,000	55,008,000
55,009,000	55,010,000	55,011,000	55,012,000	55,013,000	55,014,000	55,015,000	55,016,000

Supplemental Figure S8

55,017,000	55,018,000	55,019,000	55,020,000	55,021,000	55,022,000	55,023,000	55,024,000
55,025,000	55,026,000	55,027,000	55,028,000	55,029,000	55,030,000	55,031,000	55,032,000
55,033,000	55,034,000	55,035,000	55,036,000	55,037,000	55,038,000	55,039,000	55,040,000
55,041,000	55,042,000	55,043,000	55,044,000	55,045,000	55,046,000	55,047,000	55,048,000
55,049,000	55,050,000	55,051,000	55,052,000	55,053,000	55,054,000	55,055,000	55,056,000
55,057,000	55,058,000	55,059,000	55,060,000	55,061,000	55,062,000	55,063,000	55,064,000
55,065,000	55,066,000	55,067,000	55,068,000	55,069,000	55,070,000	55,071,000	55,072,000
55,073,000	55,074,000	55,075,000	55,076,000	55,077,000	55,078,000	55,079,000	55,080,000
55,081,000	55,082,000	55,083,000	55,084,000	55,085,000	55,086,000	55,087,000	55,088,000
55,089,000	55,090,000	55,091,000	55,092,000	55,093,000	55,094,000	55,095,000	55,096,000
55,097,000	55,098,000	55,099,000	55,100,000	55,101,000	55,102,000	55,103,000	55,104,000
55,105,000	55,106,000	55,107,000	55,108,000	55,109,000	55,110,000	55,111,000	55,112,000
55,113,000	55,114,000	55,115,000	55,116,000	55,117,000	55,118,000	55,119,000	55,120,000
55,121,000	55,122,000	55,123,000	55,124,000	55,125,000	55,126,000	55,127,000	55,128,000
55,129,000	55,130,000	55,131,000	55,132,000	55,133,000	55,134,000	55,135,000	55,136,000
55,137,000	55,138,000	55,139,000	55,140,000	55,141,000	55,142,000	55,143,000	55,144,000
55,145,000	55,146,000	55,147,000	55,148,000	55,149,000	55,150,000	55,151,000	55,152,000
55,153,000	55,154,000	55,155,000	55,156,000	55,157,000	55,158,000	55,159,000	55,160,000
55,161,000	55,162,000	55,163,000	55,164,000	55,165,000	55,166,000	55,167,000	55,168,000
55,169,000	55,170,000	55,171,000	55,172,000	55,173,000	55,174,000	55,175,000	55,176,000
55,177,000	55,178,000	55,179,000	55,180,000	55,181,000	55,182,000	55,183,000	55,184,000
55,185,000	55,186,000	55,187,000	55,188,000	55,189,000	55,190,000	55,191,000	55,192,000
55,193,000	55,194,000	55,195,000	55,196,000	55,197,000	55,198,000	55,199,000	55,200,000

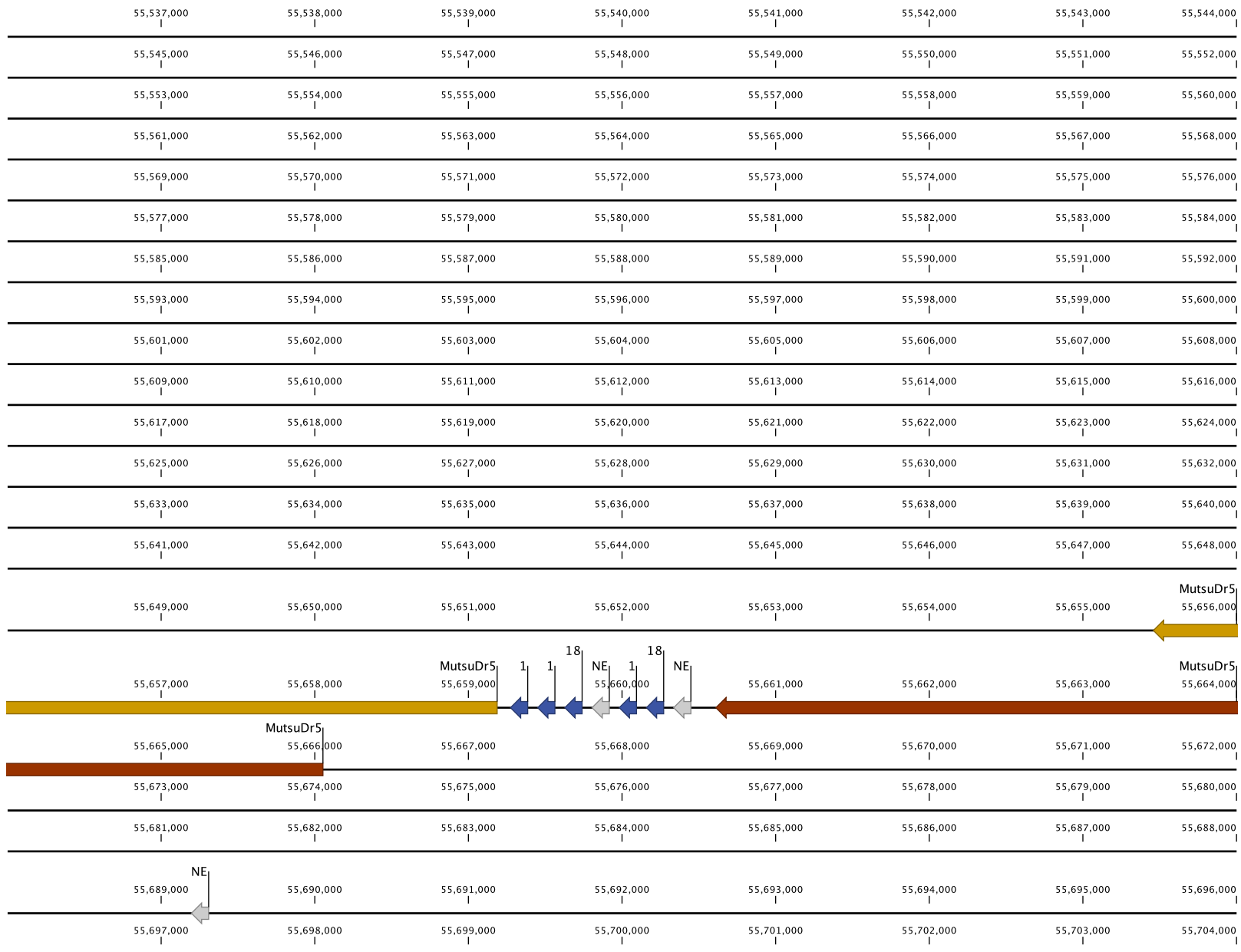
Supplemental Figure S8



Supplemental Figure S8



Supplemental Figure S8



Supplemental Figure S8

55,705,000	55,706,000	55,707,000	55,708,000	55,709,000	55,710,000	55,711,000	55,712,000
55,713,000	55,714,000	55,715,000	55,716,000	55,717,000	55,718,000	55,719,000	55,720,000
55,721,000	55,722,000	55,723,000	55,724,000	55,725,000	55,726,000	55,727,000	55,728,000
55,729,000	55,730,000	55,731,000	55,732,000	55,733,000	55,734,000	55,735,000	55,736,000
55,737,000	55,738,000	55,739,000	55,740,000	55,741,000	55,742,000	55,743,000	55,744,000
55,745,000	55,746,000	55,747,000	55,748,000	55,749,000	55,750,000	55,751,000	55,752,000
55,753,000	55,754,000	55,755,000	55,756,000	55,757,000	55,758,000	55,759,000	55,760,000
55,761,000	55,762,000	55,763,000	55,764,000	55,765,000	55,766,000	55,767,000	55,768,000
55,769,000	55,770,000	55,771,000	55,772,000	55,773,000	55,774,000	55,775,000	55,776,000
55,777,000	55,778,000	55,779,000	55,780,000	55,781,000	55,782,000	55,783,000	55,784,000
55,785,000	55,786,000	55,787,000	55,788,000	55,789,000	55,790,000	55,791,000	55,792,000
55,793,000	55,794,000	55,795,000	55,796,000	55,797,000	55,798,000	55,799,000	55,800,000
55,801,000	55,802,000	55,803,000	55,804,000	55,805,000	55,806,000	55,807,000	55,808,000
55,809,000	55,810,000	55,811,000	55,812,000	55,813,000	55,814,000	55,815,000	55,816,000
55,817,000	55,818,000	55,819,000	55,820,000	55,821,000	55,822,000	55,823,000	55,824,000
55,825,000	55,826,000	55,827,000	55,828,000	55,829,000	55,830,000	55,831,000	55,832,000
55,833,000	55,834,000	55,835,000	55,836,000	55,837,000	55,838,000	55,839,000	55,840,000
55,841,000	55,842,000	55,843,000	55,844,000	55,845,000	55,846,000	55,847,000	55,848,000
55,849,000	55,850,000	55,851,000	55,852,000	55,853,000	55,854,000	55,855,000	55,856,000
55,857,000	55,858,000	55,859,000	55,860,000	55,861,000	55,862,000	55,863,000	55,864,000
55,865,000	55,866,000	55,867,000	55,868,000	55,869,000	55,870,000	55,871,000	55,872,000
55,873,000	55,874,000	55,875,000	55,876,000	55,877,000	55,878,000	55,879,000	55,880,000
55,881,000	55,882,000	55,883,000	55,884,000	55,885,000	55,886,000	55,887,000	55,888,000

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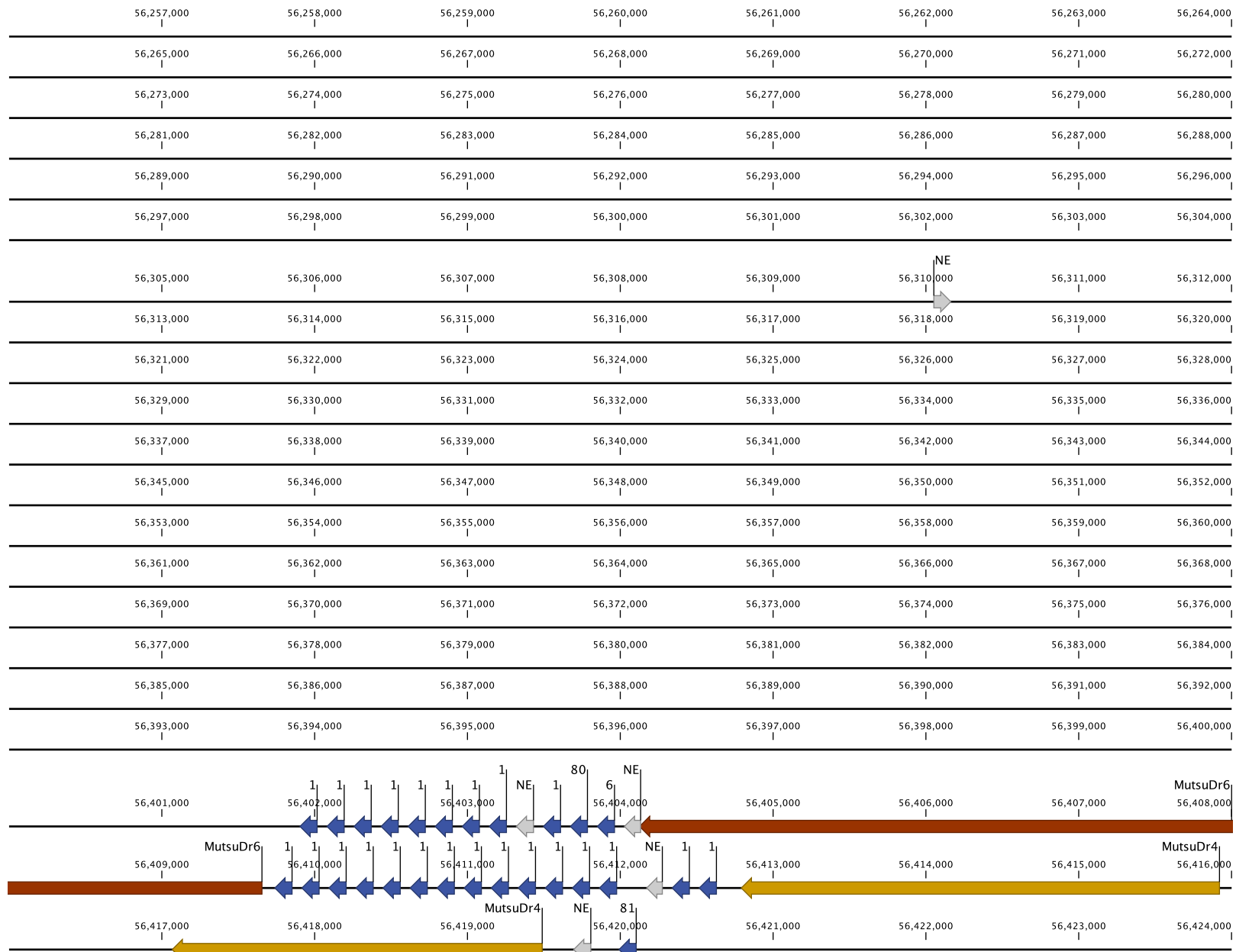
Supplemental Figure S8

55,889,000	55,890,000	55,891,000	55,892,000	55,893,000	55,894,000	55,895,000	55,896,000
55,897,000	55,898,000	55,899,000	55,900,000	55,901,000	55,902,000	55,903,000	55,904,000
55,905,000	55,906,000	55,907,000	55,908,000	55,909,000	55,910,000	55,911,000	55,912,000
55,913,000	55,914,000	55,915,000	55,916,000	55,917,000	55,918,000	55,919,000	55,920,000
55,921,000	55,922,000	55,923,000	55,924,000	55,925,000	55,926,000	55,927,000	55,928,000
55,929,000	55,930,000	55,931,000	55,932,000	55,933,000	55,934,000	55,935,000	55,936,000
55,937,000	55,938,000	55,939,000	55,940,000	55,941,000	55,942,000	55,943,000	55,944,000
55,945,000	55,946,000	55,947,000	55,948,000	55,949,000	55,950,000	55,951,000	55,952,000
55,953,000	55,954,000	55,955,000	55,956,000	55,957,000	55,958,000	55,959,000	55,960,000
55,961,000	55,962,000	55,963,000	55,964,000	55,965,000	55,966,000	55,967,000	55,968,000
55,969,000	55,970,000	55,971,000	55,972,000	55,973,000	55,974,000	55,975,000	55,976,000
55,977,000	55,978,000	55,979,000	55,980,000	55,981,000	55,982,000	55,983,000	55,984,000
55,985,000	55,986,000	55,987,000	55,988,000	55,989,000	55,990,000	55,991,000	55,992,000
55,993,000	55,994,000	55,995,000	55,996,000	55,997,000	55,998,000	55,999,000	56,000,000
56,001,000	56,002,000	56,003,000	56,004,000	56,005,000	56,006,000	56,007,000	56,008,000
56,009,000	56,010,000	56,011,000	56,012,000	56,013,000	56,014,000	56,015,000	56,016,000
56,017,000	56,018,000	56,019,000	56,020,000	56,021,000	56,022,000	56,023,000	56,024,000
56,025,000	56,026,000	56,027,000	56,028,000	56,029,000	56,030,000	56,031,000	56,032,000
56,033,000	56,034,000	56,035,000	56,036,000	56,037,000	56,038,000	56,039,000	56,040,000
56,041,000	56,042,000	56,043,000	56,044,000	56,045,000	56,046,000	56,047,000	56,048,000
56,049,000	56,050,000	56,051,000	56,052,000	56,053,000	56,054,000	56,055,000	56,056,000
56,057,000	56,058,000	56,059,000	56,060,000	56,061,000	56,062,000	56,063,000	56,064,000
56,065,000	56,066,000	56,067,000	56,068,000	56,069,000	56,070,000	56,071,000	56,072,000

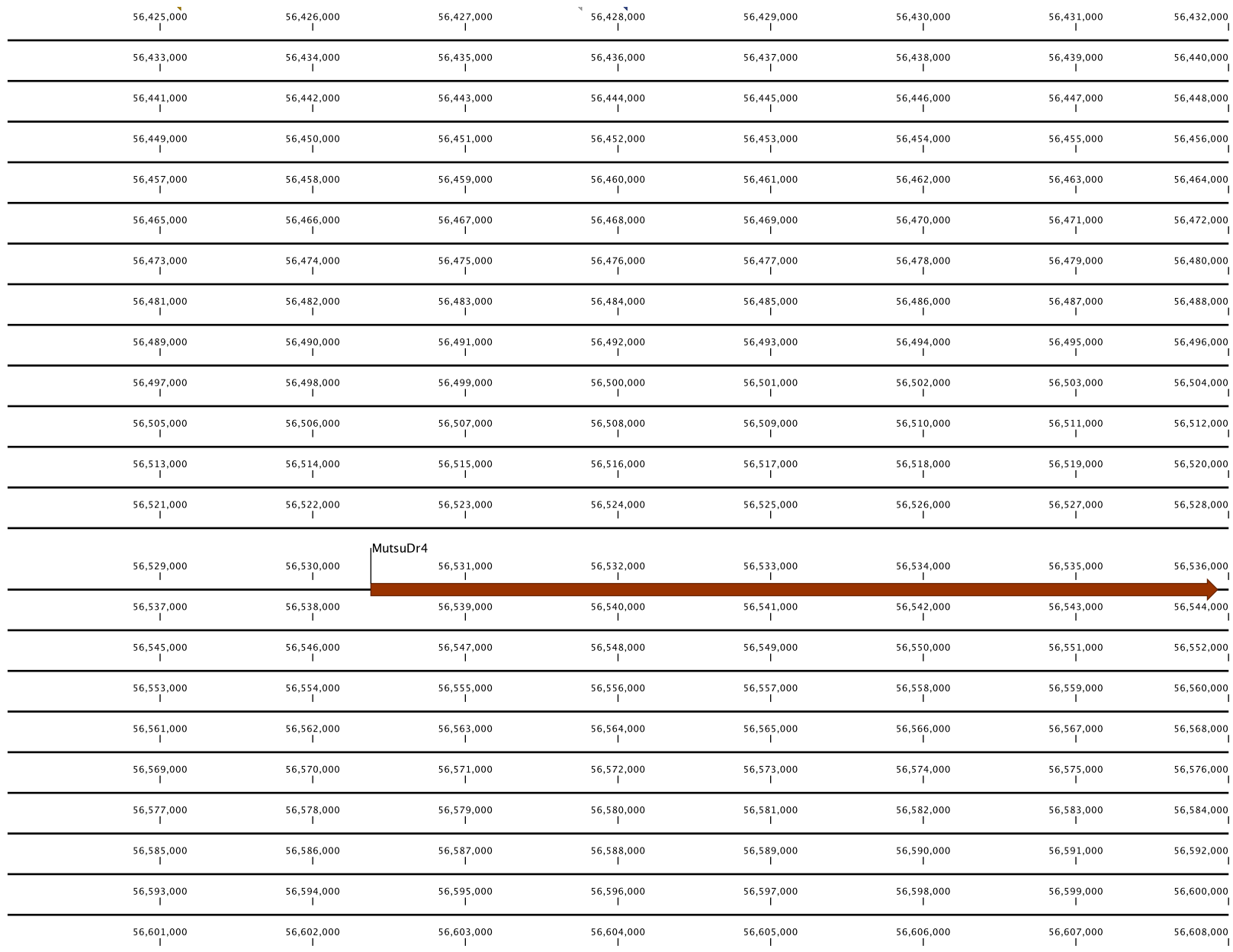
Supplemental Figure S8

56,073,000	56,074,000	56,075,000	56,076,000	56,077,000	56,078,000	56,079,000	56,080,000
56,081,000	56,082,000	56,083,000	56,084,000	56,085,000	56,086,000	56,087,000	56,088,000
56,089,000	56,090,000	56,091,000	56,092,000	56,093,000	56,094,000	56,095,000	56,096,000
56,097,000	56,098,000	56,099,000	56,100,000	56,101,000	56,102,000	56,103,000	56,104,000
56,105,000	56,106,000	56,107,000	56,108,000	56,109,000	56,110,000	56,111,000	56,112,000
56,113,000	56,114,000	56,115,000	56,116,000	56,117,000	56,118,000	56,119,000	56,120,000
56,121,000	56,122,000	56,123,000	56,124,000	56,125,000	56,126,000	56,127,000	56,128,000
56,129,000	56,130,000	56,131,000	56,132,000	56,133,000	56,134,000	56,135,000	56,136,000
56,137,000	56,138,000	56,139,000	56,140,000	56,141,000	56,142,000	56,143,000	56,144,000
56,145,000	56,146,000	56,147,000	56,148,000	56,149,000	56,150,000	56,151,000	56,152,000
56,153,000	56,154,000	56,155,000	56,156,000	56,157,000	56,158,000	56,159,000	56,160,000
56,161,000	56,162,000	56,163,000	56,164,000	56,165,000	56,166,000	56,167,000	56,168,000
56,169,000	56,170,000	56,171,000	56,172,000	56,173,000	56,174,000	56,175,000	56,176,000
56,177,000	56,178,000	56,179,000	56,180,000	56,181,000	56,182,000	56,183,000	56,184,000
56,185,000	56,186,000	56,187,000	56,188,000	56,189,000	56,190,000	56,191,000	56,192,000
56,193,000	56,194,000	56,195,000	56,196,000	56,197,000	56,198,000	56,199,000	56,200,000
56,201,000	56,202,000	56,203,000	56,204,000	56,205,000	56,206,000	56,207,000	56,208,000
56,209,000	56,210,000	56,211,000	56,212,000	56,213,000	56,214,000	56,215,000	56,216,000
56,217,000	56,218,000	56,219,000	56,220,000	56,221,000	56,222,000	56,223,000	56,224,000
56,225,000	56,226,000	56,227,000	56,228,000	56,229,000	56,230,000	56,231,000	56,232,000
56,233,000	56,234,000	56,235,000	56,236,000	56,237,000	56,238,000	56,239,000	56,240,000
56,241,000	56,242,000	56,243,000	56,244,000	56,245,000	56,246,000	56,247,000	56,248,000
56,249,000	56,250,000	56,251,000	56,252,000	56,253,000	56,254,000	56,255,000	56,256,000

Supplemental Figure S8



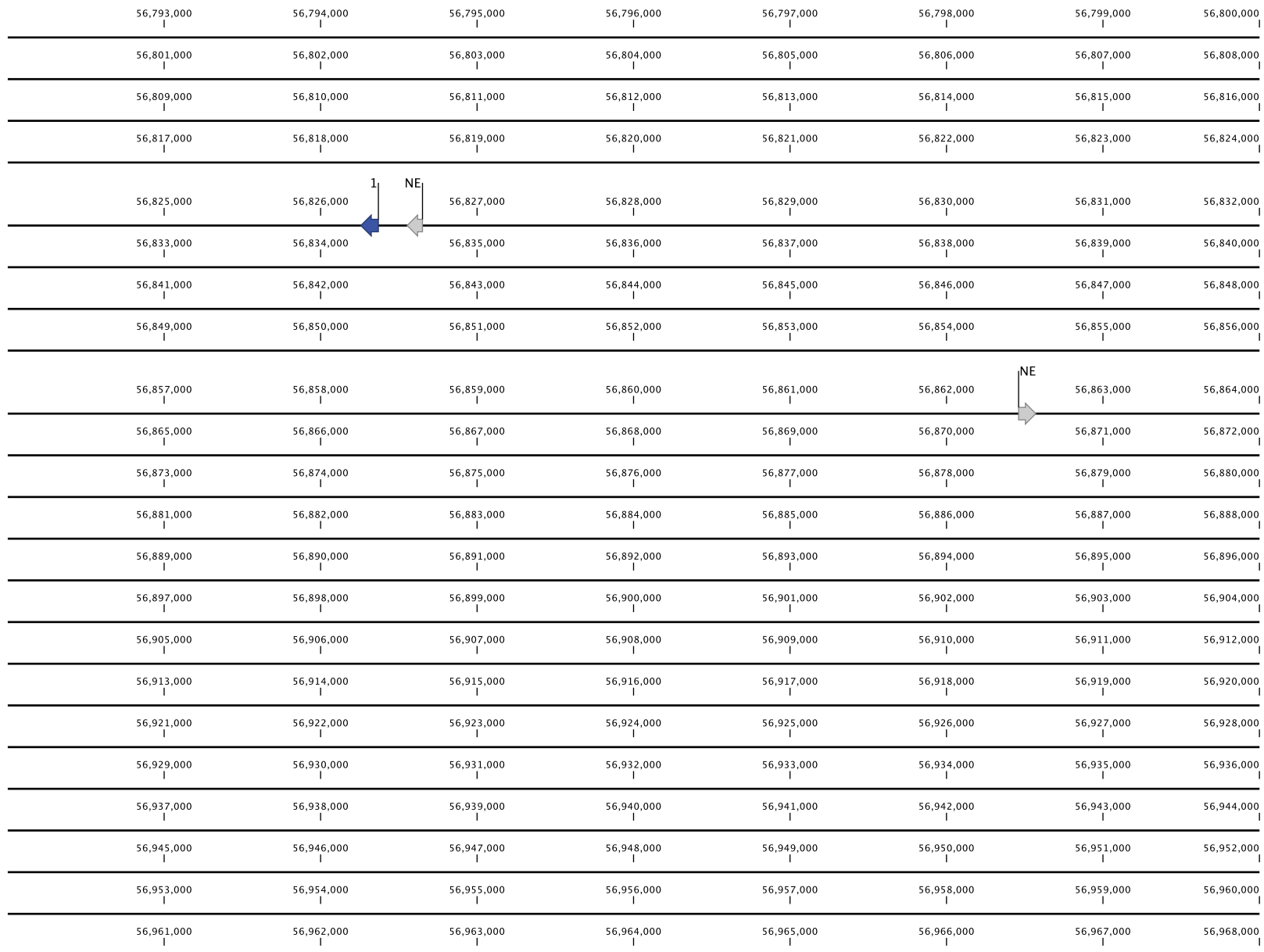
Supplemental Figure S8



Supplemental Figure S8

56,609,000	56,610,000	56,611,000	56,612,000	56,613,000	56,614,000	56,615,000	56,616,000
56,617,000	56,618,000	56,619,000	56,620,000	56,621,000	56,622,000	56,623,000	56,624,000
56,625,000	56,626,000	56,627,000	56,628,000	56,629,000	56,630,000	56,631,000	56,632,000
56,633,000	56,634,000	56,635,000	56,636,000	56,637,000	56,638,000	56,639,000	56,640,000
56,641,000	56,642,000	56,643,000	56,644,000	56,645,000	56,646,000	56,647,000	56,648,000
56,649,000	56,650,000	56,651,000	56,652,000	56,653,000	56,654,000	56,655,000	56,656,000
56,657,000	56,658,000	56,659,000	56,660,000	56,661,000	56,662,000	56,663,000	56,664,000
56,665,000	56,666,000	56,667,000	56,668,000	56,669,000	56,670,000	56,671,000	56,672,000
56,673,000	56,674,000	56,675,000	56,676,000	56,677,000	56,678,000	56,679,000	56,680,000
56,681,000	56,682,000	56,683,000	56,684,000	56,685,000	56,686,000	56,687,000	56,688,000
56,689,000	56,690,000	56,691,000	56,692,000	56,693,000	56,694,000	56,695,000	56,696,000
56,697,000	56,698,000	56,699,000	56,700,000	56,701,000	56,702,000	56,703,000	56,704,000
56,705,000	56,706,000	56,707,000	56,708,000	56,709,000	56,710,000	56,711,000	56,712,000
56,713,000	56,714,000	56,715,000	56,716,000	56,717,000	56,718,000	56,719,000	56,720,000
56,721,000	56,722,000	56,723,000	56,724,000	56,725,000	56,726,000	56,727,000	56,728,000
56,729,000	56,730,000	56,731,000	56,732,000	56,733,000	56,734,000	56,735,000	56,736,000
56,737,000	56,738,000	56,739,000	56,740,000	56,741,000	56,742,000	56,743,000	56,744,000
56,745,000	56,746,000	56,747,000	56,748,000	56,749,000	56,750,000	56,751,000	56,752,000
56,753,000	56,754,000	56,755,000	56,756,000	56,757,000	56,758,000	56,759,000	56,760,000
56,761,000	56,762,000	56,763,000	56,764,000	56,765,000	56,766,000	56,767,000	56,768,000
56,769,000	56,770,000	56,771,000	56,772,000	56,773,000	56,774,000	56,775,000	56,776,000
56,777,000	56,778,000	56,779,000	56,780,000	56,781,000	56,782,000	56,783,000	56,784,000
56,785,000	56,786,000	56,787,000	56,788,000	56,789,000	56,790,000	56,791,000	56,792,000

Supplemental Figure S8



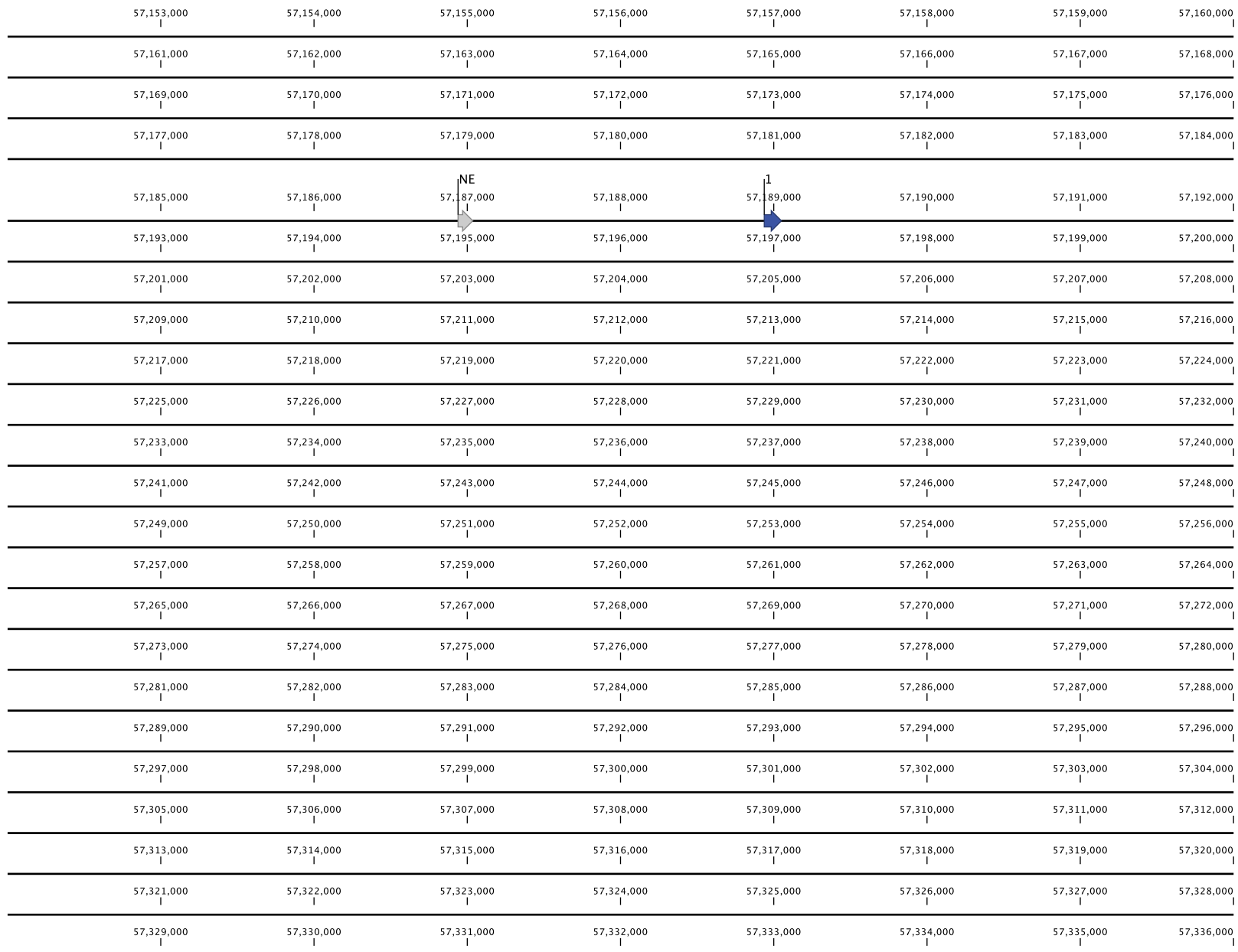
Supplemental Figure S8

56,969,000	56,970,000	56,971,000	56,972,000	56,973,000	56,974,000	56,975,000	56,976,000
56,977,000	56,978,000	56,979,000	56,980,000	56,981,000	56,982,000	56,983,000	56,984,000
56,985,000	56,986,000	56,987,000	56,988,000	56,989,000	56,990,000	56,991,000	56,992,000
56,993,000	56,994,000	56,995,000	56,996,000	56,997,000	56,998,000	56,999,000	57,000,000
57,001,000	57,002,000	57,003,000	57,004,000	57,005,000	57,006,000	57,007,000	57,008,000
57,009,000	57,010,000	57,011,000	57,012,000	57,013,000	57,014,000	57,015,000	57,016,000
57,017,000	57,018,000	57,019,000	57,020,000	57,021,000	57,022,000	57,023,000	57,024,000
57,025,000	57,026,000	57,027,000	57,028,000	57,029,000	57,030,000	57,031,000	57,032,000
57,033,000	57,034,000	57,035,000	57,036,000	57,037,000	57,038,000	57,039,000	57,040,000
57,041,000	57,042,000	57,043,000	57,044,000	57,045,000	57,046,000	57,047,000	57,048,000
57,049,000	57,050,000	57,051,000	57,052,000	57,053,000	57,054,000	57,055,000	57,056,000
57,057,000	57,058,000	57,059,000	57,060,000	57,061,000	57,062,000	57,063,000	57,064,000
57,065,000	57,066,000	57,067,000	57,068,000	57,069,000	57,070,000	57,071,000	57,072,000
57,073,000	57,074,000	57,075,000	57,076,000	57,077,000	57,078,000	57,079,000	57,080,000
57,081,000	57,082,000	57,083,000	57,084,000	57,085,000	57,086,000	57,087,000	57,088,000
57,089,000	57,090,000	57,091,000	57,092,000	57,093,000	57,094,000	57,095,000	57,096,000
57,097,000	57,098,000	57,099,000	57,100,000	57,101,000	57,102,000	57,103,000	57,104,000
57,105,000	57,106,000	57,107,000	57,108,000	57,109,000	57,110,000	57,111,000	57,112,000
57,113,000	57,114,000	57,115,000	57,116,000	57,117,000	57,118,000	57,119,000	57,120,000
57,121,000	57,122,000	57,123,000	57,124,000	57,125,000	57,126,000	57,127,000	57,128,000
57,129,000	57,130,000	57,131,000	57,132,000	57,133,000	57,134,000	57,135,000	57,136,000
57,137,000	57,138,000	57,139,000	57,140,000	57,141,000	57,142,000	57,143,000	57,144,000
57,145,000	57,146,000	57,147,000	57,148,000	57,149,000	57,150,000	57,151,000	57,152,000

NE



Supplemental Figure S8



Supplemental Figure S8

57,337,000	57,338,000	57,339,000	57,340,000	57,341,000	57,342,000	57,343,000	57,344,000
57,345,000	57,346,000	57,347,000	57,348,000	57,349,000	57,350,000	57,351,000	57,352,000
57,353,000	57,354,000	57,355,000	57,356,000	57,357,000	57,358,000	57,359,000	57,360,000
57,361,000	57,362,000	57,363,000	57,364,000	57,365,000	57,366,000	57,367,000	57,368,000
57,369,000	57,370,000	57,371,000	57,372,000	57,373,000	57,374,000	57,375,000	57,376,000
57,377,000	57,378,000	57,379,000	57,380,000	57,381,000	57,382,000	57,383,000	57,384,000
57,385,000	57,386,000	57,387,000	57,388,000	57,389,000	57,390,000	57,391,000	57,392,000
57,393,000	57,394,000	57,395,000	57,396,000	57,397,000	57,398,000	57,399,000	57,400,000
57,401,000	57,402,000	57,403,000	57,404,000	57,405,000	57,406,000	57,407,000	57,408,000
57,409,000	57,410,000	57,411,000	57,412,000	57,413,000	57,414,000	57,415,000	57,416,000
57,417,000	57,418,000	57,419,000	57,420,000	57,421,000	57,422,000	57,423,000	57,424,000
57,425,000	57,426,000	57,427,000	57,428,000	57,429,000	57,430,000	57,431,000	57,432,000
57,433,000	57,434,000	57,435,000	57,436,000	57,437,000	57,438,000	57,439,000	57,440,000
57,441,000	57,442,000	57,443,000	57,444,000	57,445,000	57,446,000	57,447,000	57,448,000
57,449,000	57,450,000	57,451,000	57,452,000	57,453,000	57,454,000	57,455,000	57,456,000
57,457,000	57,458,000	57,459,000	57,460,000	57,461,000	57,462,000	57,463,000	57,464,000
57,465,000	57,466,000	57,467,000	57,468,000	57,469,000	57,470,000	57,471,000	57,472,000
57,473,000	57,474,000	57,475,000	57,476,000	57,477,000	57,478,000	57,479,000	57,480,000
57,481,000	57,482,000	57,483,000	57,484,000	57,485,000	57,486,000	57,487,000	57,488,000
57,489,000	57,490,000	57,491,000	57,492,000	57,493,000	57,494,000	57,495,000	57,496,000
57,497,000	57,498,000	57,499,000	57,500,000	57,501,000	57,502,000	57,503,000	57,504,000
57,505,000	57,506,000	57,507,000	57,508,000	57,509,000	57,510,000	57,511,000	57,512,000
57,513,000	57,514,000	57,515,000	57,516,000	57,517,000	57,518,000	57,519,000	57,520,000

Supplemental Figure S8

57,521,000	57,522,000	57,523,000	57,524,000	57,525,000	57,526,000	57,527,000	57,528,000
57,529,000	57,530,000	57,531,000	57,532,000	57,533,000	57,534,000	57,535,000	57,536,000
57,537,000	57,538,000	57,539,000	57,540,000	57,541,000	57,542,000	57,543,000	57,544,000
57,545,000	57,546,000	57,547,000	57,548,000	57,549,000	57,550,000	57,551,000	57,552,000
57,553,000	57,554,000	57,555,000	57,556,000	57,557,000	57,558,000	57,559,000	57,560,000
57,561,000	57,562,000	57,563,000	57,564,000	57,565,000	57,566,000	57,567,000	57,568,000
57,569,000	57,570,000	57,571,000	57,572,000	57,573,000	57,574,000	57,575,000	57,576,000
57,577,000	57,578,000	57,579,000	57,580,000	57,581,000	57,582,000	57,583,000	57,584,000
57,585,000	57,586,000	57,587,000	57,588,000	57,589,000	57,590,000	57,591,000	57,592,000
57,593,000	57,594,000	57,595,000	57,596,000	57,597,000	57,598,000	57,599,000	57,600,000
57,601,000	57,602,000	57,603,000	57,604,000	57,605,000	57,606,000	57,607,000	57,608,000
57,609,000	57,610,000	57,611,000	57,612,000	57,613,000	57,614,000	57,615,000	57,616,000
57,617,000	57,618,000	57,619,000	57,620,000	57,621,000	57,622,000	57,623,000	57,624,000
57,625,000	57,626,000	57,627,000	57,628,000	57,629,000	57,630,000	57,631,000	57,632,000
57,633,000	57,634,000	57,635,000	57,636,000	57,637,000	57,638,000	57,639,000	57,640,000
57,641,000	57,642,000	57,643,000	57,644,000	57,645,000	57,646,000	57,647,000	57,648,000
57,649,000	57,650,000	57,651,000	57,652,000	57,653,000	57,654,000	57,655,000	57,656,000
57,657,000	57,658,000	57,659,000	57,660,000	57,661,000	57,662,000	57,663,000	57,664,000
57,665,000	57,666,000	57,667,000	57,668,000	57,669,000	57,670,000	57,671,000	57,672,000
57,673,000	57,674,000	57,675,000	57,676,000	57,677,000	57,678,000	57,679,000	57,680,000
57,681,000	57,682,000	57,683,000	57,684,000	57,685,000	57,686,000	57,687,000	57,688,000
57,689,000	57,690,000	57,691,000	57,692,000	57,693,000	57,694,000	57,695,000	57,696,000
57,697,000	57,698,000	57,699,000	57,700,000	57,701,000	57,702,000	57,703,000	57,704,000

Supplemental Figure S8

57,705,000	57,706,000	57,707,000	57,708,000	57,709,000	57,710,000	57,711,000	57,712,000
57,713,000	57,714,000	57,715,000	57,716,000	57,717,000	57,718,000	57,719,000	57,720,000
57,721,000	57,722,000	57,723,000	57,724,000	57,725,000	57,726,000	57,727,000	57,728,000
57,729,000	57,730,000	57,731,000	57,732,000	57,733,000	57,734,000	57,735,000	57,736,000
57,737,000	57,738,000	57,739,000	57,740,000	57,741,000	57,742,000	57,743,000	57,744,000
57,745,000	57,746,000	57,747,000	57,748,000	57,749,000	57,750,000	57,751,000	57,752,000
57,753,000	57,754,000	57,755,000	57,756,000	57,757,000	57,758,000	57,759,000	57,760,000
57,761,000	57,762,000	57,763,000	57,764,000	57,765,000	57,766,000	57,767,000	57,768,000
57,769,000	57,770,000	57,771,000	57,772,000	57,773,000	57,774,000	57,775,000	57,776,000
57,777,000	57,778,000	57,779,000	57,780,000	57,781,000	57,782,000	57,783,000	57,784,000
57,785,000	57,786,000	57,787,000	57,788,000	57,789,000	57,790,000	57,791,000	57,792,000
57,793,000	57,794,000	57,795,000	57,796,000	57,797,000	57,798,000	57,799,000	57,800,000
57,801,000	57,802,000	57,803,000	57,804,000	57,805,000	57,806,000	57,807,000	57,808,000
57,809,000	57,810,000	57,811,000	57,812,000	57,813,000	57,814,000	57,815,000	57,816,000
57,817,000	57,818,000	57,819,000	57,820,000	57,821,000	57,822,000	57,823,000	57,824,000
57,825,000	57,826,000	57,827,000	57,828,000	57,829,000	57,830,000	57,831,000	57,832,000
57,833,000	57,834,000	57,835,000	57,836,000	57,837,000	57,838,000	57,839,000	57,840,000
57,841,000	57,842,000	57,843,000	57,844,000	57,845,000	57,846,000	57,847,000	57,848,000
57,849,000	57,850,000	57,851,000	57,852,000	57,853,000	57,854,000	57,855,000	57,856,000
57,857,000	57,858,000	57,859,000	57,860,000	57,861,000	57,862,000	57,863,000	57,864,000
57,865,000	57,866,000	57,867,000	57,868,000	57,869,000	57,870,000	57,871,000	57,872,000
57,873,000	57,874,000	57,875,000	57,876,000	57,877,000	57,878,000	57,879,000	57,880,000
57,881,000	57,882,000	57,883,000	57,884,000	57,885,000	57,886,000	57,887,000	57,888,000

Supplemental Figure S8

57,889,000	57,890,000	57,891,000	57,892,000	57,893,000	57,894,000	57,895,000	57,896,000
57,897,000	57,898,000	57,899,000	57,900,000	57,901,000	57,902,000	57,903,000	57,904,000
57,905,000	57,906,000	57,907,000	57,908,000	57,909,000	57,910,000	57,911,000	57,912,000
57,913,000	57,914,000	57,915,000	57,916,000	57,917,000	57,918,000	57,919,000	57,920,000
57,921,000	57,922,000	57,923,000	57,924,000	57,925,000	57,926,000	57,927,000	57,928,000
57,929,000	57,930,000	57,931,000	57,932,000	57,933,000	57,934,000	57,935,000	57,936,000
57,937,000	57,938,000	57,939,000	57,940,000	57,941,000	57,942,000	57,943,000	57,944,000
57,945,000	57,946,000	57,947,000	57,948,000	57,949,000	57,950,000	57,951,000	57,952,000
57,953,000	57,954,000	57,955,000	57,956,000	57,957,000	57,958,000	57,959,000	57,960,000
57,961,000	57,962,000	57,963,000	57,964,000	57,965,000	57,966,000	57,967,000	57,968,000
57,969,000	57,970,000	57,971,000	57,972,000	57,973,000	57,974,000	57,975,000	57,976,000
57,977,000	57,978,000	57,979,000	57,980,000	57,981,000	57,982,000	57,983,000	57,984,000
57,985,000	57,986,000	57,987,000	57,988,000	57,989,000	57,990,000	57,991,000	57,992,000
57,993,000	57,994,000	57,995,000	57,996,000	57,997,000	57,998,000	57,999,000	58,000,000
58,001,000	58,002,000	58,003,000	58,004,000	58,005,000	58,006,000	58,007,000	58,008,000
58,009,000	58,010,000	58,011,000	58,012,000	58,013,000	58,014,000	58,015,000	58,016,000
58,017,000	58,018,000	58,019,000	58,020,000	58,021,000	58,022,000	58,023,000	58,024,000
58,025,000	58,026,000	58,027,000	58,028,000	58,029,000	58,030,000	58,031,000	58,032,000
58,033,000	58,034,000	58,035,000	58,036,000	58,037,000	58,038,000	58,039,000	58,040,000
58,041,000	58,042,000	58,043,000	58,044,000	58,045,000	58,046,000	58,047,000	58,048,000
58,049,000	58,050,000	58,051,000	58,052,000	58,053,000	58,054,000	58,055,000	58,056,000
58,057,000	58,058,000	58,059,000	58,060,000	58,061,000	58,062,000	58,063,000	58,064,000
58,065,000	58,066,000	58,067,000	58,068,000	58,069,000	58,070,000	58,071,000	58,072,000

Supplemental Figure S8

58,073,000	58,074,000	58,075,000	58,076,000	58,077,000	58,078,000	58,079,000	58,080,000
58,081,000	58,082,000	58,083,000	58,084,000	58,085,000	58,086,000	58,087,000	58,088,000
58,089,000	58,090,000	58,091,000	58,092,000	58,093,000	58,094,000	58,095,000	58,096,000
58,097,000	58,098,000	58,099,000	58,100,000	58,101,000	58,102,000	58,103,000	58,104,000
58,105,000	58,106,000	58,107,000	58,108,000	58,109,000	58,110,000	58,111,000	58,112,000
58,113,000	58,114,000	58,115,000	58,116,000	58,117,000	58,118,000	58,119,000	58,120,000
58,121,000	58,122,000	58,123,000	58,124,000	58,125,000	58,126,000	58,127,000	58,128,000
58,129,000	58,130,000	58,131,000	58,132,000	58,133,000	58,134,000	58,135,000	58,136,000
58,137,000	58,138,000	58,139,000	58,140,000	58,141,000	58,142,000	58,143,000	58,144,000
58,145,000	58,146,000	58,147,000	58,148,000	58,149,000	58,150,000	58,151,000	58,152,000
58,153,000	58,154,000	58,155,000	58,156,000	58,157,000	58,158,000	58,159,000	58,160,000
58,161,000	58,162,000	58,163,000	58,164,000	58,165,000	58,166,000	58,167,000	58,168,000
58,169,000	58,170,000	58,171,000	58,172,000	58,173,000	58,174,000	58,175,000	58,176,000
58,177,000	58,178,000	58,179,000	58,180,000	58,181,000	58,182,000	58,183,000	58,184,000
58,185,000	58,186,000	58,187,000	58,188,000	58,189,000	58,190,000	58,191,000	58,192,000
58,193,000	58,194,000	58,195,000	58,196,000	58,197,000	58,198,000	58,199,000	58,200,000
58,201,000	58,202,000	58,203,000	58,204,000	58,205,000	58,206,000	58,207,000	58,208,000
58,209,000	58,210,000	58,211,000	58,212,000	58,213,000	58,214,000	58,215,000	58,216,000
58,217,000	58,218,000	58,219,000	58,220,000	58,221,000	58,222,000	58,223,000	58,224,000
58,225,000	58,226,000	58,227,000	58,228,000	58,229,000	58,230,000	58,231,000	58,232,000
58,233,000	58,234,000	58,235,000	58,236,000	58,237,000	58,238,000	58,239,000	58,240,000
58,241,000	58,242,000	58,243,000	58,244,000	58,245,000	58,246,000	58,247,000	58,248,000
58,249,000	58,250,000	58,251,000	58,252,000	58,253,000	58,254,000	58,255,000	58,256,000

Supplemental Figure S8

58,257,000	58,258,000	58,259,000	58,260,000	58,261,000	58,262,000	58,263,000	58,264,000
58,265,000	58,266,000	58,267,000	58,268,000	58,269,000	58,270,000	58,271,000	58,272,000
58,273,000	58,274,000	58,275,000	58,276,000	58,277,000	58,278,000	58,279,000	58,280,000
58,281,000	58,282,000	58,283,000	58,284,000	58,285,000	58,286,000	58,287,000	58,288,000
58,289,000	58,290,000	58,291,000	58,292,000	58,293,000	58,294,000	58,295,000	58,296,000
58,297,000	58,298,000	58,299,000	58,300,000	58,301,000	58,302,000	58,303,000	58,304,000
58,305,000	58,306,000	58,307,000	58,308,000	58,309,000	58,310,000	58,311,000	58,312,000
58,313,000	58,314,000	58,315,000	58,316,000	58,317,000	58,318,000	58,319,000	58,320,000
58,321,000	58,322,000	58,323,000	58,324,000	58,325,000	58,326,000	58,327,000	58,328,000
58,329,000	58,330,000	58,331,000	58,332,000	58,333,000	58,334,000	58,335,000	58,336,000
58,337,000	58,338,000	58,339,000	58,340,000	58,341,000	58,342,000	58,343,000	58,344,000
58,345,000	58,346,000	58,347,000	58,348,000	58,349,000	58,350,000	58,351,000	58,352,000
58,353,000	58,354,000	58,355,000	58,356,000	58,357,000	58,358,000	58,359,000	58,360,000
58,361,000	58,362,000	58,363,000	58,364,000	58,365,000	58,366,000	58,367,000	58,368,000
58,369,000	58,370,000	58,371,000	58,372,000	58,373,000	58,374,000	58,375,000	58,376,000
58,377,000	58,378,000	58,379,000	58,380,000	58,381,000	58,382,000	58,383,000	58,384,000
58,385,000	58,386,000	58,387,000	58,388,000	58,389,000	58,390,000	58,391,000	58,392,000
58,393,000	58,394,000	58,395,000	58,396,000	58,397,000	58,398,000	58,399,000	58,400,000
58,401,000	58,402,000	58,403,000	58,404,000	58,405,000	58,406,000	58,407,000	58,408,000
58,409,000	58,410,000	58,411,000	58,412,000	58,413,000	58,414,000	58,415,000	58,416,000
58,417,000	58,418,000	58,419,000	58,420,000	58,421,000	58,422,000	58,423,000	58,424,000
58,425,000	58,426,000	58,427,000	58,428,000	58,429,000	58,430,000	58,431,000	58,432,000
58,433,000	58,434,000	58,435,000	58,436,000	58,437,000	58,438,000	58,439,000	58,440,000

Supplemental Figure S8

58,441,000	58,442,000	58,443,000	58,444,000	58,445,000	58,446,000	58,447,000	58,448,000
58,449,000	58,450,000	58,451,000	58,452,000	58,453,000	58,454,000	58,455,000	58,456,000
58,457,000	58,458,000	58,459,000	58,460,000	58,461,000	58,462,000	58,463,000	58,464,000
58,465,000	58,466,000	58,467,000	58,468,000	58,469,000	58,470,000	58,471,000	58,472,000
58,473,000	58,474,000	58,475,000	58,476,000	58,477,000	58,478,000	58,479,000	58,480,000
58,481,000	58,482,000	58,483,000	58,484,000	58,485,000	58,486,000	58,487,000	58,488,000
58,489,000	58,490,000	58,491,000	58,492,000	58,493,000	58,494,000	58,495,000	58,496,000
58,497,000	58,498,000	58,499,000	58,500,000	58,501,000	58,502,000	58,503,000	58,504,000
58,505,000	58,506,000	58,507,000	58,508,000	58,509,000	58,510,000	58,511,000	58,512,000
58,513,000	58,514,000	58,515,000	58,516,000	58,517,000	58,518,000	58,519,000	58,520,000
58,521,000	58,522,000	58,523,000	58,524,000	58,525,000	58,526,000	58,527,000	58,528,000
58,529,000	58,530,000	58,531,000	58,532,000	58,533,000	58,534,000	58,535,000	58,536,000
58,537,000	58,538,000	58,539,000	58,540,000	58,541,000	58,542,000	58,543,000	58,544,000
58,545,000	58,546,000	58,547,000	58,548,000	58,549,000	58,550,000	58,551,000	58,552,000
58,553,000	58,554,000	58,555,000	58,556,000	58,557,000	58,558,000	58,559,000	58,560,000
58,561,000	58,562,000	58,563,000	58,564,000	58,565,000	58,566,000	58,567,000	58,568,000
58,569,000	58,570,000	58,571,000	58,572,000	58,573,000	58,574,000	58,575,000	58,576,000
58,577,000	58,578,000	58,579,000	58,580,000	58,581,000	58,582,000	58,583,000	58,584,000
58,585,000	58,586,000	58,587,000	58,588,000	58,589,000	58,590,000	58,591,000	58,592,000
58,593,000	58,594,000	58,595,000	58,596,000	58,597,000	58,598,000	58,599,000	58,600,000
58,601,000	58,602,000	58,603,000	58,604,000	58,605,000	58,606,000	58,607,000	58,608,000
58,609,000	58,610,000	58,611,000	58,612,000	58,613,000	58,614,000	58,615,000	58,616,000
58,617,000	58,618,000	58,619,000	58,620,000	58,621,000	58,622,000	58,623,000	58,624,000

Supplemental Figure S8

58,625,000	58,626,000	58,627,000	58,628,000	58,629,000	58,630,000	58,631,000	58,632,000
58,633,000	58,634,000	58,635,000	58,636,000	58,637,000	58,638,000	58,639,000	58,640,000
58,641,000	58,642,000	58,643,000	58,644,000	58,645,000	58,646,000	58,647,000	58,648,000
58,649,000	58,650,000	58,651,000	58,652,000	58,653,000	58,654,000	58,655,000	58,656,000
58,657,000	58,658,000	58,659,000	58,660,000	58,661,000	58,662,000	58,663,000	58,664,000
58,665,000	58,666,000	58,667,000	58,668,000	58,669,000	58,670,000	58,671,000	58,672,000
58,673,000	58,674,000	58,675,000	58,676,000	58,677,000	58,678,000	58,679,000	58,680,000
58,681,000	58,682,000	58,683,000	58,684,000	58,685,000	58,686,000	58,687,000	58,688,000
58,689,000	58,690,000	58,691,000	58,692,000	58,693,000	58,694,000	58,695,000	58,696,000
58,697,000	58,698,000	58,699,000	58,700,000	58,701,000	58,702,000	58,703,000	58,704,000
58,705,000	58,706,000	58,707,000	58,708,000	58,709,000	58,710,000	58,711,000	58,712,000
58,713,000	58,714,000	58,715,000	58,716,000	58,717,000	58,718,000	58,719,000	58,720,000
58,721,000	58,722,000	58,723,000	58,724,000	58,725,000	58,726,000	58,727,000	58,728,000
58,729,000	58,730,000	58,731,000	58,732,000	58,733,000	58,734,000	58,735,000	58,736,000
58,737,000	58,738,000	58,739,000	58,740,000	58,741,000	58,742,000	58,743,000	58,744,000
58,745,000	58,746,000	58,747,000	58,748,000	58,749,000	58,750,000	58,751,000	58,752,000
58,753,000	58,754,000	58,755,000	58,756,000	58,757,000	58,758,000	58,759,000	58,760,000
58,761,000	58,762,000	58,763,000	58,764,000	58,765,000	58,766,000	58,767,000	58,768,000
58,769,000	58,770,000	58,771,000	58,772,000	58,773,000	58,774,000	58,775,000	58,776,000
58,777,000	58,778,000	58,779,000	58,780,000	58,781,000	58,782,000	58,783,000	58,784,000
58,785,000	58,786,000	58,787,000	58,788,000	58,789,000	58,790,000	58,791,000	58,792,000
58,793,000	58,794,000	58,795,000	58,796,000	58,797,000	58,798,000	58,799,000	58,800,000
58,801,000	58,802,000	58,803,000	58,804,000	58,805,000	58,806,000	58,807,000	58,808,000

Supplemental Figure S8

58,809,000	58,810,000	58,811,000	58,812,000	58,813,000	58,814,000	58,815,000	58,816,000
58,817,000	58,818,000	58,819,000	58,820,000	58,821,000	58,822,000	58,823,000	58,824,000
58,825,000	58,826,000	58,827,000	58,828,000	58,829,000	58,830,000	58,831,000	58,832,000
58,833,000	58,834,000	58,835,000	58,836,000	58,837,000	58,838,000	58,839,000	58,840,000
58,841,000	58,842,000	58,843,000	58,844,000	58,845,000	58,846,000	58,847,000	58,848,000
58,849,000	58,850,000	58,851,000	58,852,000	58,853,000	58,854,000	58,855,000	58,856,000
58,857,000	58,858,000	58,859,000	58,860,000	58,861,000	58,862,000	58,863,000	58,864,000
58,865,000	58,866,000	58,867,000	58,868,000	58,869,000	58,870,000	58,871,000	58,872,000
58,873,000	58,874,000	58,875,000	58,876,000	58,877,000	58,878,000	58,879,000	58,880,000
58,881,000	58,882,000	58,883,000	58,884,000	58,885,000	58,886,000	58,887,000	58,888,000
58,889,000	58,890,000	58,891,000	58,892,000	58,893,000	58,894,000	58,895,000	58,896,000
58,897,000	58,898,000	58,899,000	58,900,000	58,901,000	58,902,000	58,903,000	58,904,000
58,905,000	58,906,000	58,907,000	58,908,000	58,909,000	58,910,000	58,911,000	58,912,000
58,913,000	58,914,000	58,915,000	58,916,000	58,917,000	58,918,000	58,919,000	58,920,000
58,921,000	58,922,000	58,923,000	58,924,000	58,925,000	58,926,000	58,927,000	58,928,000
58,929,000	58,930,000	58,931,000	58,932,000	58,933,000	58,934,000	58,935,000	58,936,000
58,937,000	58,938,000	58,939,000	58,940,000	58,941,000	58,942,000	58,943,000	58,944,000
58,945,000	58,946,000	58,947,000	58,948,000	58,949,000	58,950,000	58,951,000	58,952,000
58,953,000	58,954,000	58,955,000	58,956,000	58,957,000	58,958,000	58,959,000	58,960,000
58,961,000	58,962,000	58,963,000	58,964,000	58,965,000	58,966,000	58,967,000	58,968,000
58,969,000	58,970,000	58,971,000	58,972,000	58,973,000	58,974,000	58,975,000	58,976,000
58,977,000	58,978,000	58,979,000	58,980,000	58,981,000	58,982,000	58,983,000	58,984,000
58,985,000	58,986,000	58,987,000	58,988,000	58,989,000	58,990,000	58,991,000	58,992,000

NE



Supplemental Figure S8

58,993,000	58,994,000	58,995,000	58,996,000	58,997,000	58,998,000	58,999,000	59,000,000
59,001,000	59,002,000	59,003,000	59,004,000	59,005,000	59,006,000	59,007,000	59,008,000
59,009,000	59,010,000	59,011,000	59,012,000	59,013,000	59,014,000	59,015,000	59,016,000
59,017,000	59,018,000	59,019,000	59,020,000	59,021,000	59,022,000	59,023,000	59,024,000
59,025,000	59,026,000	59,027,000	59,028,000	59,029,000	59,030,000	59,031,000	59,032,000
59,033,000	59,034,000	59,035,000	59,036,000	59,037,000	59,038,000	59,039,000	59,040,000
59,041,000	59,042,000	59,043,000	59,044,000	59,045,000	59,046,000	59,047,000	59,048,000
59,049,000	59,050,000	59,051,000	59,052,000	59,053,000	59,054,000	59,055,000	59,056,000
59,057,000	59,058,000	59,059,000	59,060,000	59,061,000	59,062,000	59,063,000	59,064,000
59,065,000	59,066,000	59,067,000	59,068,000	59,069,000	59,070,000	59,071,000	59,072,000
59,073,000	59,074,000	59,075,000	59,076,000	59,077,000	59,078,000	59,079,000	59,080,000
59,081,000	59,082,000	59,083,000	59,084,000	59,085,000	59,086,000	59,087,000	59,088,000
59,089,000	59,090,000	59,091,000	59,092,000	59,093,000	59,094,000	59,095,000	59,096,000
59,097,000	59,098,000	59,099,000	59,100,000	59,101,000	59,102,000	59,103,000	59,104,000
59,105,000	59,106,000	59,107,000	59,108,000	59,109,000	59,110,000	59,111,000	59,112,000
59,113,000	59,114,000	59,115,000	59,116,000	59,117,000	59,118,000	59,119,000	59,120,000
59,121,000	59,122,000	59,123,000	59,124,000	59,125,000	59,126,000	59,127,000	59,128,000
59,129,000	59,130,000	59,131,000	59,132,000	59,133,000	59,134,000	59,135,000	59,136,000
59,137,000	59,138,000	59,139,000	59,140,000	59,141,000	59,142,000	59,143,000	59,144,000
59,145,000	59,146,000	59,147,000	59,148,000	59,149,000	59,150,000	59,151,000	59,152,000
59,153,000	59,154,000	59,155,000	59,156,000	59,157,000	59,158,000	59,159,000	59,160,000
59,161,000	59,162,000	59,163,000	59,164,000	59,165,000	59,166,000	59,167,000	59,168,000
59,169,000	59,170,000	59,171,000	59,172,000	59,173,000	59,174,000	59,175,000	59,176,000

Supplemental Figure S8

59,177,000	59,178,000	59,179,000	59,180,000	59,181,000	59,182,000	59,183,000	59,184,000
59,185,000	59,186,000	59,187,000	59,188,000	59,189,000	59,190,000	59,191,000	59,192,000
59,193,000	59,194,000	59,195,000	59,196,000	59,197,000	59,198,000	59,199,000	59,200,000
59,201,000	59,202,000	59,203,000	59,204,000	59,205,000	59,206,000	59,207,000	59,208,000
59,209,000	59,210,000	59,211,000	59,212,000	59,213,000	59,214,000	59,215,000	59,216,000
59,217,000	59,218,000	59,219,000	59,220,000	59,221,000	59,222,000	59,223,000	59,224,000
59,225,000	59,226,000	59,227,000	59,228,000	59,229,000	59,230,000	59,231,000	59,232,000
59,233,000	59,234,000	59,235,000	59,236,000	59,237,000	59,238,000	59,239,000	59,240,000
59,241,000	59,242,000	59,243,000	59,244,000	59,245,000	59,246,000	59,247,000	59,248,000
59,249,000	59,250,000	59,251,000	59,252,000	59,253,000	59,254,000	59,255,000	59,256,000
59,257,000	59,258,000	59,259,000	59,260,000	59,261,000	59,262,000	59,263,000	59,264,000
59,265,000	59,266,000	59,267,000	59,268,000	59,269,000	59,270,000	59,271,000	59,272,000
59,273,000	59,274,000	59,275,000	59,276,000	59,277,000	59,278,000	59,279,000	59,280,000
59,281,000	59,282,000	59,283,000	59,284,000	59,285,000	59,286,000	59,287,000	59,288,000
59,289,000	59,290,000	59,291,000	59,292,000	59,293,000	59,294,000	59,295,000	59,296,000
59,297,000	59,298,000	59,299,000	59,300,000	59,301,000	59,302,000	59,303,000	59,304,000
59,305,000	59,306,000	59,307,000	59,308,000	59,309,000	59,310,000	59,311,000	59,312,000
59,313,000	59,314,000	59,315,000	59,316,000	59,317,000	59,318,000	59,319,000	59,320,000
59,321,000	59,322,000	59,323,000	59,324,000	59,325,000	59,326,000	59,327,000	59,328,000
59,329,000	59,330,000	59,331,000	59,332,000	59,333,000	59,334,000	59,335,000	59,336,000
59,337,000	59,338,000	59,339,000	59,340,000	59,341,000	59,342,000	59,343,000	59,344,000
59,345,000	59,346,000	59,347,000	59,348,000	59,349,000	59,350,000	59,351,000	59,352,000
59,353,000	59,354,000	59,355,000	59,356,000	59,357,000	59,358,000	59,359,000	59,360,000

Supplemental Figure S8

59,361,000	59,362,000	59,363,000	59,364,000	59,365,000	59,366,000	59,367,000	59,368,000
59,369,000	59,370,000	59,371,000	59,372,000	59,373,000	59,374,000	59,375,000	59,376,000
59,377,000	59,378,000	59,379,000	59,380,000	59,381,000	59,382,000	59,383,000	59,384,000
59,385,000	59,386,000	59,387,000	59,388,000	59,389,000	59,390,000	59,391,000	59,392,000
59,393,000	59,394,000	59,395,000	59,396,000	59,397,000	59,398,000	59,399,000	59,400,000
59,401,000	59,402,000	59,403,000	59,404,000	59,405,000	59,406,000	59,407,000	59,408,000
59,409,000	59,410,000	59,411,000	59,412,000	59,413,000	59,414,000	59,415,000	59,416,000
59,417,000	59,418,000	59,419,000	59,420,000	59,421,000	59,422,000	59,423,000	59,424,000
59,425,000	59,426,000	59,427,000	59,428,000	59,429,000	59,430,000	59,431,000	59,432,000
59,433,000	59,434,000	59,435,000	59,436,000	59,437,000	59,438,000	59,439,000	59,440,000
59,441,000	59,442,000	59,443,000	59,444,000	59,445,000	59,446,000	59,447,000	59,448,000
59,449,000	59,450,000	59,451,000	59,452,000	59,453,000	59,454,000	59,455,000	59,456,000
59,457,000	59,458,000	59,459,000	59,460,000	59,461,000	59,462,000	59,463,000	59,464,000
59,465,000	59,466,000	59,467,000	59,468,000	59,469,000	59,470,000	59,471,000	59,472,000
59,473,000	59,474,000	59,475,000	59,476,000	59,477,000	59,478,000	59,479,000	59,480,000
59,481,000	59,482,000	59,483,000	59,484,000	59,485,000	59,486,000	59,487,000	59,488,000
59,489,000	59,490,000	59,491,000	59,492,000	59,493,000	59,494,000	59,495,000	59,496,000
59,497,000	59,498,000	59,499,000	59,500,000	59,501,000	59,502,000	59,503,000	59,504,000
59,505,000	59,506,000	59,507,000	59,508,000	59,509,000	59,510,000	59,511,000	59,512,000
59,513,000	59,514,000	59,515,000	59,516,000	59,517,000	59,518,000	59,519,000	59,520,000
59,521,000	59,522,000	59,523,000	59,524,000	59,525,000	59,526,000	59,527,000	59,528,000
59,529,000	59,530,000	59,531,000	59,532,000	59,533,000	59,534,000	59,535,000	59,536,000
59,537,000	59,538,000	59,539,000	59,540,000	59,541,000	59,542,000	59,543,000	59,544,000

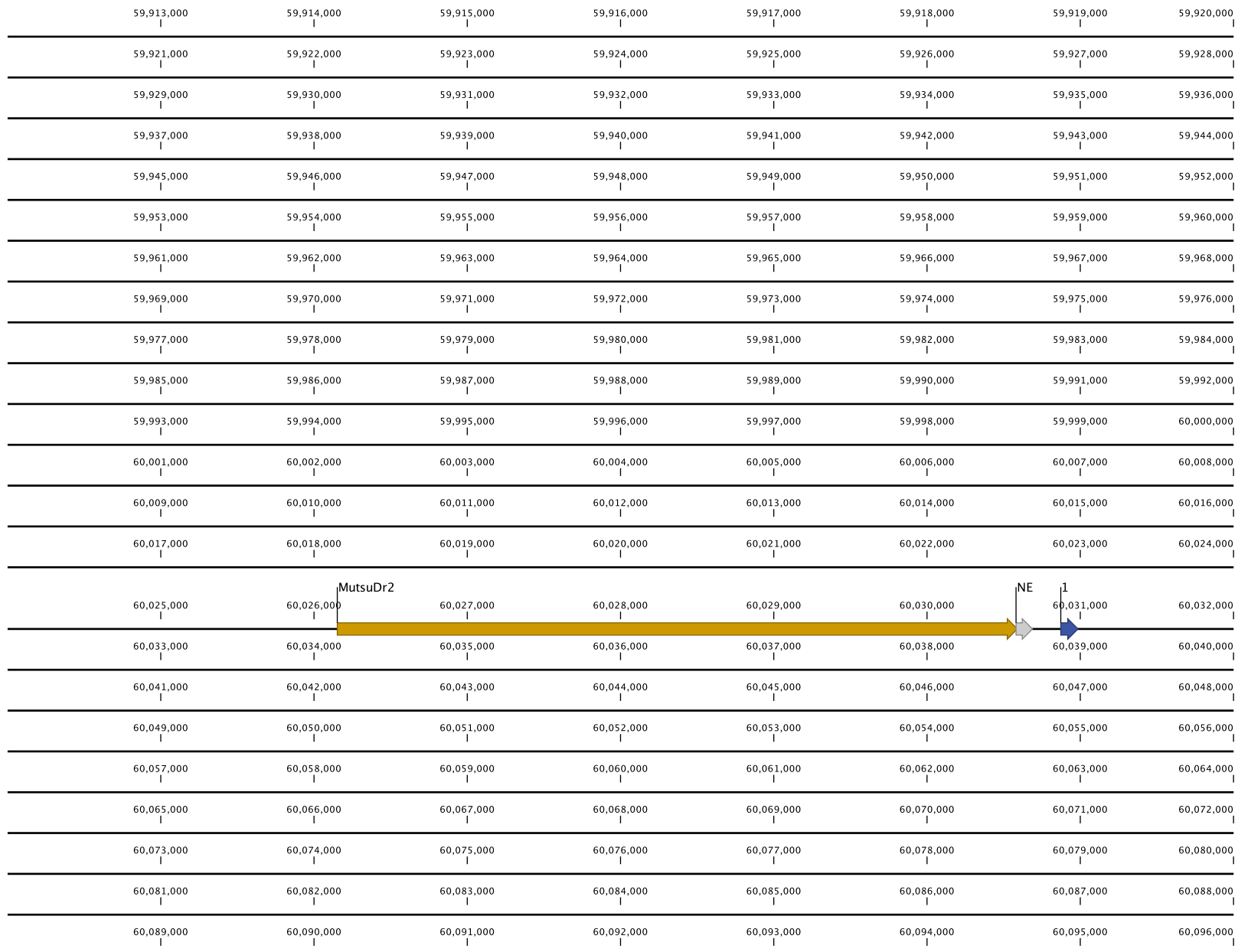
Supplemental Figure S8

59,545,000	59,546,000	59,547,000	59,548,000	59,549,000	59,550,000	59,551,000	59,552,000
59,553,000	59,554,000	59,555,000	59,556,000	59,557,000	59,558,000	59,559,000	59,560,000
59,561,000	59,562,000	59,563,000	59,564,000	59,565,000	59,566,000	59,567,000	59,568,000
59,569,000	59,570,000	59,571,000	59,572,000	59,573,000	59,574,000	59,575,000	59,576,000
59,577,000	59,578,000	59,579,000	59,580,000	59,581,000	59,582,000	59,583,000	59,584,000
59,585,000	59,586,000	59,587,000	59,588,000	59,589,000	59,590,000	59,591,000	59,592,000
59,593,000	59,594,000	59,595,000	59,596,000	59,597,000	59,598,000	59,599,000	59,600,000
59,601,000	59,602,000	59,603,000	59,604,000	59,605,000	59,606,000	59,607,000	59,608,000
59,609,000	59,610,000	59,611,000	59,612,000	59,613,000	59,614,000	59,615,000	59,616,000
59,617,000	59,618,000	59,619,000	59,620,000	59,621,000	59,622,000	59,623,000	59,624,000
59,625,000	59,626,000	59,627,000	59,628,000	59,629,000	59,630,000	59,631,000	59,632,000
59,633,000	59,634,000	59,635,000	59,636,000	59,637,000	59,638,000	59,639,000	59,640,000
59,641,000	59,642,000	59,643,000	59,644,000	59,645,000	59,646,000	59,647,000	59,648,000
59,649,000	59,650,000	59,651,000	59,652,000	59,653,000	59,654,000	59,655,000	59,656,000
59,657,000	59,658,000	59,659,000	59,660,000	59,661,000	59,662,000	59,663,000	59,664,000
59,665,000	59,666,000	59,667,000	59,668,000	59,669,000	59,670,000	59,671,000	59,672,000
59,673,000	59,674,000	59,675,000	59,676,000	59,677,000	59,678,000	59,679,000	59,680,000
59,681,000	59,682,000	59,683,000	59,684,000	59,685,000	59,686,000	59,687,000	59,688,000
59,689,000	59,690,000	59,691,000	59,692,000	59,693,000	59,694,000	59,695,000	59,696,000
59,697,000	59,698,000	59,699,000	59,700,000	59,701,000	59,702,000	59,703,000	59,704,000
59,705,000	59,706,000	59,707,000	59,708,000	59,709,000	59,710,000	59,711,000	59,712,000
59,713,000	59,714,000	59,715,000	59,716,000	59,717,000	59,718,000	59,719,000	59,720,000
59,721,000	59,722,000	59,723,000	59,724,000	59,725,000	59,726,000	59,727,000	59,728,000

Supplemental Figure S8

59,729,000	59,730,000	59,731,000	59,732,000	59,733,000	59,734,000	59,735,000	59,736,000
59,737,000	59,738,000	59,739,000	59,740,000	59,741,000	59,742,000	59,743,000	59,744,000
59,745,000	59,746,000	59,747,000	59,748,000	59,749,000	59,750,000	59,751,000	59,752,000
59,753,000	59,754,000	59,755,000	59,756,000	59,757,000	59,758,000	59,759,000	59,760,000
59,761,000	59,762,000	59,763,000	59,764,000	59,765,000	59,766,000	59,767,000	59,768,000
59,769,000	59,770,000	59,771,000	59,772,000	59,773,000	59,774,000	59,775,000	59,776,000
59,777,000	59,778,000	59,779,000	59,780,000	59,781,000	59,782,000	59,783,000	59,784,000
59,785,000	59,786,000	59,787,000	59,788,000	59,789,000	59,790,000	59,791,000	59,792,000
59,793,000	59,794,000	59,795,000	59,796,000	59,797,000	59,798,000	59,799,000	59,800,000
59,801,000	59,802,000	59,803,000	59,804,000	59,805,000	59,806,000	59,807,000	59,808,000
59,809,000	59,810,000	59,811,000	59,812,000	59,813,000	59,814,000	59,815,000	59,816,000
59,817,000	59,818,000	59,819,000	59,820,000	59,821,000	59,822,000	59,823,000	59,824,000
59,825,000	59,826,000	59,827,000	59,828,000	59,829,000	59,830,000	59,831,000	59,832,000
59,833,000	59,834,000	59,835,000	59,836,000	59,837,000	59,838,000	59,839,000	59,840,000
59,841,000	59,842,000	59,843,000	59,844,000	59,845,000	59,846,000	59,847,000	59,848,000
59,849,000	59,850,000	59,851,000	59,852,000	59,853,000	59,854,000	59,855,000	59,856,000
59,857,000	59,858,000	59,859,000	59,860,000	59,861,000	59,862,000	59,863,000	59,864,000
59,865,000	59,866,000	59,867,000	59,868,000	59,869,000	59,870,000	59,871,000	59,872,000
59,873,000	59,874,000	59,875,000	59,876,000	59,877,000	59,878,000	59,879,000	59,880,000
59,881,000	59,882,000	59,883,000	59,884,000	59,885,000	59,886,000	59,887,000	59,888,000
59,889,000	59,890,000	59,891,000	59,892,000	59,893,000	59,894,000	59,895,000	59,896,000
59,897,000	59,898,000	59,899,000	59,900,000	59,901,000	59,902,000	59,903,000	59,904,000
59,905,000	59,906,000	59,907,000	59,908,000	59,909,000	59,910,000	59,911,000	59,912,000

Supplemental Figure S8



Supplemental Figure S8

60,097,000	60,098,000	60,099,000	60,100,000	60,101,000	60,102,000	60,103,000	60,104,000
60,105,000	60,106,000	60,107,000	60,108,000	60,109,000	60,110,000	60,111,000	60,112,000
60,113,000	60,114,000	60,115,000	60,116,000	60,117,000	60,118,000	60,119,000	60,120,000
60,121,000	60,122,000	60,123,000	60,124,000	60,125,000	60,126,000	60,127,000	60,128,000
60,129,000	60,130,000	60,131,000	60,132,000	60,133,000	60,134,000	60,135,000	60,136,000
60,137,000	60,138,000	60,139,000	60,140,000	60,141,000	60,142,000	60,143,000	60,144,000
60,145,000	60,146,000	60,147,000	60,148,000	60,149,000	60,150,000	60,151,000	60,152,000
60,153,000	60,154,000	60,155,000	60,156,000	60,157,000	60,158,000	60,159,000	60,160,000
60,161,000	60,162,000	60,163,000	60,164,000	60,165,000	60,166,000	60,167,000	60,168,000
60,169,000	60,170,000	60,171,000	60,172,000	60,173,000	60,174,000	60,175,000	60,176,000
60,177,000	60,178,000	60,179,000	60,180,000	60,181,000	60,182,000	60,183,000	60,184,000
60,185,000	60,186,000	60,187,000	60,188,000	60,189,000	60,190,000	60,191,000	60,192,000
60,193,000	60,194,000	60,195,000	60,196,000	60,197,000	60,198,000	60,199,000	60,200,000
60,201,000	60,202,000	60,203,000	60,204,000	60,205,000	60,206,000	60,207,000	60,208,000
60,209,000	60,210,000	60,211,000	60,212,000	60,213,000	60,214,000	60,215,000	60,216,000
60,217,000	60,218,000	60,219,000	60,220,000	60,221,000	60,222,000	60,223,000	60,224,000
60,225,000	60,226,000	60,227,000	60,228,000	60,229,000	60,230,000	60,231,000	60,232,000
60,233,000	60,234,000	60,235,000	60,236,000	60,237,000	60,238,000	60,239,000	60,240,000
60,241,000	60,242,000	60,243,000	60,244,000	60,245,000	60,246,000	60,247,000	60,248,000
60,249,000	60,250,000	60,251,000	60,252,000	60,253,000	60,254,000	60,255,000	60,256,000
60,257,000	60,258,000	60,259,000	60,260,000	60,261,000	60,262,000	60,263,000	60,264,000
60,265,000	60,266,000	60,267,000	60,268,000	60,269,000	60,270,000	60,271,000	60,272,000
60,273,000	60,274,000	60,275,000	60,276,000	60,277,000	60,278,000	60,279,000	60,280,000

Supplemental Figure S8

60,281,000	60,282,000	60,283,000	60,284,000	60,285,000	60,286,000	60,287,000	60,288,000
60,289,000	60,290,000	60,291,000	60,292,000	60,293,000	60,294,000	60,295,000	60,296,000
60,297,000	60,298,000	60,299,000	60,300,000	60,301,000	60,302,000	60,303,000	60,304,000
60,305,000	60,306,000	60,307,000	60,308,000	60,309,000	60,310,000	60,311,000	60,312,000
60,313,000	60,314,000	60,315,000	60,316,000	60,317,000	60,318,000	60,319,000	60,320,000
60,321,000	60,322,000	60,323,000	60,324,000	60,325,000	60,326,000	60,327,000	60,328,000
60,329,000	60,330,000	60,331,000	60,332,000	60,333,000	60,334,000	60,335,000	60,336,000
60,337,000	60,338,000	60,339,000	60,340,000	60,341,000	60,342,000	60,343,000	60,344,000
60,345,000	60,346,000	60,347,000	60,348,000	60,349,000	60,350,000	60,351,000	60,352,000
60,353,000	60,354,000	60,355,000	60,356,000	60,357,000	60,358,000	60,359,000	60,360,000
60,361,000	60,362,000	60,363,000	60,364,000	60,365,000	60,366,000	60,367,000	60,368,000
60,369,000	60,370,000	60,371,000	60,372,000	60,373,000	60,374,000	60,375,000	60,376,000
60,377,000	60,378,000	60,379,000	60,380,000	60,381,000	60,382,000	60,383,000	60,384,000
60,385,000	60,386,000	60,387,000	60,388,000	60,389,000	60,390,000	60,391,000	60,392,000
60,393,000	60,394,000	60,395,000	60,396,000	60,397,000	60,398,000	60,399,000	60,400,000
60,401,000	60,402,000	60,403,000	60,404,000	60,405,000	60,406,000	60,407,000	60,408,000
60,409,000	60,410,000	60,411,000	60,412,000	60,413,000	60,414,000	60,415,000	60,416,000
60,417,000	60,418,000	60,419,000	60,420,000	60,421,000	60,422,000	60,423,000	60,424,000
60,425,000	60,426,000	60,427,000	60,428,000	60,429,000	60,430,000	60,431,000	60,432,000
60,433,000	60,434,000	60,435,000	60,436,000	60,437,000	60,438,000	60,439,000	60,440,000
60,441,000	60,442,000	60,443,000	60,444,000	60,445,000	60,446,000	60,447,000	60,448,000
60,449,000	60,450,000	60,451,000	60,452,000	60,453,000	60,454,000	60,455,000	60,456,000
60,457,000	60,458,000	60,459,000	60,460,000	60,461,000	60,462,000	60,463,000	60,464,000

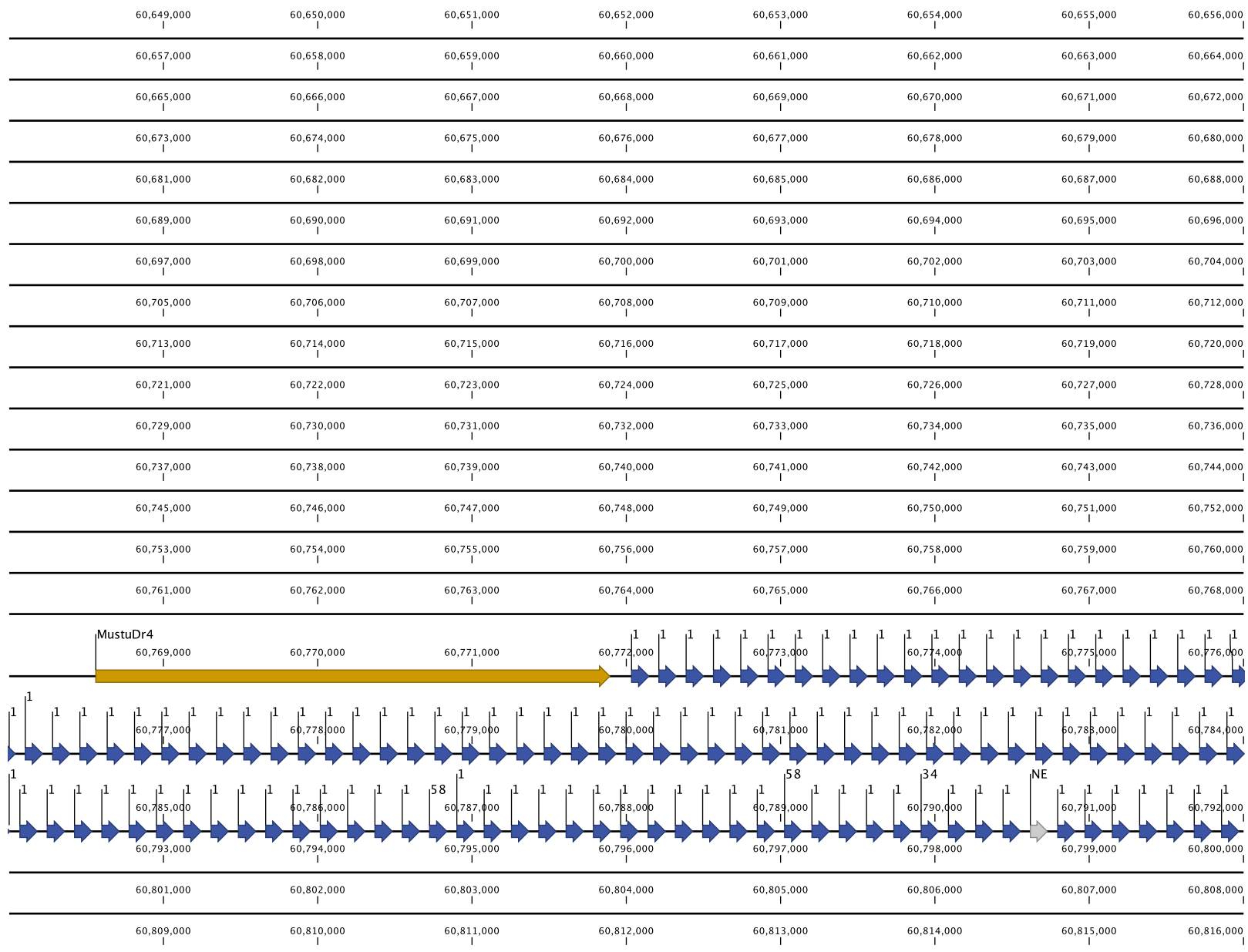
NE



Supplemental Figure S8

60,465,000	60,466,000	60,467,000	60,468,000	60,469,000	60,470,000	60,471,000	60,472,000
60,473,000	60,474,000	60,475,000	60,476,000	60,477,000	60,478,000	60,479,000	60,480,000
60,481,000	60,482,000	60,483,000	60,484,000	60,485,000	60,486,000	60,487,000	60,488,000
60,489,000	60,490,000	60,491,000	60,492,000	60,493,000	60,494,000	60,495,000	60,496,000
60,497,000	60,498,000	60,499,000	60,500,000	60,501,000	60,502,000	60,503,000	60,504,000
60,505,000	60,506,000	60,507,000	60,508,000	60,509,000	60,510,000	60,511,000	60,512,000
60,513,000	60,514,000	60,515,000	60,516,000	60,517,000	60,518,000	60,519,000	60,520,000
60,521,000	60,522,000	60,523,000	60,524,000	60,525,000	60,526,000	60,527,000	60,528,000
60,529,000	60,530,000	60,531,000	60,532,000	60,533,000	60,534,000	60,535,000	60,536,000
60,537,000	60,538,000	60,539,000	60,540,000	60,541,000	60,542,000	60,543,000	60,544,000
60,545,000	60,546,000	60,547,000	60,548,000	60,549,000	60,550,000	60,551,000	60,552,000
60,553,000	60,554,000	60,555,000	60,556,000	60,557,000	60,558,000	60,559,000	60,560,000
60,561,000	60,562,000	60,563,000	60,564,000	60,565,000	60,566,000	60,567,000	60,568,000
60,569,000	60,570,000	60,571,000	60,572,000	60,573,000	60,574,000	60,575,000	60,576,000
60,577,000	60,578,000	60,579,000	60,580,000	60,581,000	60,582,000	60,583,000	60,584,000
60,585,000	60,586,000	60,587,000	60,588,000	60,589,000	60,590,000	60,591,000	60,592,000
60,593,000	60,594,000	60,595,000	60,596,000	60,597,000	60,598,000	60,599,000	60,600,000
60,601,000	60,602,000	60,603,000	60,604,000	60,605,000	60,606,000	60,607,000	60,608,000
60,609,000	60,610,000	60,611,000	60,612,000	60,613,000	60,614,000	60,615,000	60,616,000
60,617,000	60,618,000	60,619,000	60,620,000	60,621,000	60,622,000	60,623,000	60,624,000
60,625,000	60,626,000	60,627,000	60,628,000	60,629,000	60,630,000	60,631,000	60,632,000
60,633,000	60,634,000	60,635,000	60,636,000	60,637,000	60,638,000	60,639,000	60,640,000
60,641,000	60,642,000	60,643,000	60,644,000	60,645,000	60,646,000	60,647,000	60,648,000

Supplemental Figure S8



Supplemental Figure S8

60,817,000	60,818,000	60,819,000	60,820,000	60,821,000	60,822,000	60,823,000	60,824,000
60,825,000	60,826,000	60,827,000	60,828,000	60,829,000	60,830,000	60,831,000	60,832,000
60,833,000	60,834,000	60,835,000	60,836,000	60,837,000	60,838,000	60,839,000	60,840,000
60,841,000	60,842,000	60,843,000	60,844,000	60,845,000	60,846,000	60,847,000	60,848,000
60,849,000	60,850,000	60,851,000	60,852,000	60,853,000	60,854,000	60,855,000	60,856,000
60,857,000	60,858,000	60,859,000	60,860,000	60,861,000	60,862,000	60,863,000	60,864,000
60,865,000	60,866,000	60,867,000	60,868,000	60,869,000	60,870,000	60,871,000	60,872,000
60,873,000	60,874,000	60,875,000	60,876,000	60,877,000	60,878,000	60,879,000	60,880,000
60,881,000	60,882,000	60,883,000	60,884,000	60,885,000	60,886,000	60,887,000	60,888,000
60,889,000	60,890,000	60,891,000	60,892,000	60,893,000	60,894,000	60,895,000	60,896,000
60,897,000	60,898,000	60,899,000	60,900,000	60,901,000	60,902,000	60,903,000	60,904,000
60,905,000	60,906,000	60,907,000	60,908,000	60,909,000	60,910,000	60,911,000	60,912,000
60,913,000	60,914,000	60,915,000	60,916,000	60,917,000	60,918,000	60,919,000	60,920,000
60,921,000	60,922,000	60,923,000	60,924,000	60,925,000	60,926,000	60,927,000	60,928,000
60,929,000	60,930,000	60,931,000	60,932,000	60,933,000	60,934,000	60,935,000	60,936,000
60,937,000	60,938,000	60,939,000	60,940,000	60,941,000	60,942,000	60,943,000	60,944,000
60,945,000	60,946,000	60,947,000	60,948,000	60,949,000	60,950,000	60,951,000	60,952,000
60,953,000	60,954,000	60,955,000	60,956,000	60,957,000	60,958,000	60,959,000	60,960,000
60,961,000	60,962,000	60,963,000	60,964,000	60,965,000	60,966,000	60,967,000	60,968,000
60,969,000	60,970,000	60,971,000	60,972,000	60,973,000	60,974,000	60,975,000	60,976,000
60,977,000	60,978,000	60,979,000	60,980,000	60,981,000	60,982,000	60,983,000	60,984,000
60,985,000	60,986,000	60,987,000	60,988,000	60,989,000	60,990,000	60,991,000	60,992,000
60,993,000	60,994,000	60,995,000	60,996,000	60,997,000	60,998,000	60,999,000	61,000,000

Supplemental Figure S8

61,001,000	61,002,000	61,003,000	61,004,000	61,005,000	61,006,000	61,007,000	61,008,000
61,009,000	61,010,000	61,011,000	61,012,000	61,013,000	61,014,000	61,015,000	61,016,000
61,017,000	61,018,000	61,019,000	61,020,000	61,021,000	61,022,000	61,023,000	61,024,000
61,025,000	61,026,000	61,027,000	61,028,000	61,029,000	61,030,000	61,031,000	61,032,000
61,033,000	61,034,000	61,035,000	61,036,000	61,037,000	61,038,000	61,039,000	61,040,000
61,041,000	61,042,000	61,043,000	61,044,000	61,045,000	61,046,000	61,047,000	61,048,000
61,049,000	61,050,000	61,051,000	61,052,000	61,053,000	61,054,000	61,055,000	61,056,000
61,057,000	61,058,000	61,059,000	61,060,000	61,061,000	61,062,000	61,063,000	61,064,000
61,065,000	61,066,000	61,067,000	61,068,000	61,069,000	61,070,000	61,071,000	61,072,000
61,073,000	61,074,000	61,075,000	61,076,000	61,077,000	61,078,000	61,079,000	61,080,000
61,081,000	61,082,000	61,083,000	61,084,000	61,085,000	61,086,000	61,087,000	61,088,000
61,089,000	61,090,000	61,091,000	61,092,000	61,093,000	61,094,000	61,095,000	61,096,000
61,097,000	61,098,000	61,099,000	61,100,000	61,101,000	61,102,000	61,103,000	61,104,000
61,105,000	61,106,000	61,107,000	61,108,000	61,109,000	61,110,000	61,111,000	61,112,000
61,113,000	61,114,000	61,115,000	61,116,000	61,117,000	61,118,000	61,119,000	61,120,000
61,121,000	61,122,000	61,123,000	61,124,000	61,125,000	61,126,000	61,127,000	61,128,000
61,129,000	61,130,000	61,131,000	61,132,000	61,133,000	61,134,000	61,135,000	61,136,000
61,137,000	61,138,000	61,139,000	61,140,000	61,141,000	61,142,000	61,143,000	61,144,000
61,145,000	61,146,000	61,147,000	61,148,000	61,149,000	61,150,000	61,151,000	61,152,000
61,153,000	61,154,000	61,155,000	61,156,000	61,157,000	61,158,000	61,159,000	61,160,000
61,161,000	61,162,000	61,163,000	61,164,000	61,165,000	61,166,000	61,167,000	61,168,000
61,169,000	61,170,000	61,171,000	61,172,000	61,173,000	61,174,000	61,175,000	61,176,000

Supplemental Figure S8

61,177,000	61,178,000	61,179,000	61,180,000	61,181,000	61,182,000	61,183,000	61,184,000
61,185,000	61,186,000	61,187,000	61,188,000	61,189,000	61,190,000	61,191,000	61,192,000
61,193,000	61,194,000	61,195,000	61,196,000	61,197,000	61,198,000	61,199,000	61,200,000
61,201,000	61,202,000	61,203,000	61,204,000	61,205,000	61,206,000	61,207,000	61,208,000
61,209,000	61,210,000	61,211,000	61,212,000	61,213,000	61,214,000	61,215,000	61,216,000
61,217,000	61,218,000	61,219,000	61,220,000	61,221,000	61,222,000	61,223,000	61,224,000
61,225,000	61,226,000	61,227,000	61,228,000	61,229,000	61,230,000	61,231,000	61,232,000
61,233,000	61,234,000	61,235,000	61,236,000	61,237,000	61,238,000	61,239,000	61,240,000
61,241,000	61,242,000	61,243,000	61,244,000	61,245,000	61,246,000	61,247,000	61,248,000
61,249,000	61,250,000	61,251,000	61,252,000	61,253,000	61,254,000	61,255,000	61,256,000
61,257,000	61,258,000	61,259,000	61,260,000	61,261,000	61,262,000	61,263,000	61,264,000
61,265,000	61,266,000	61,267,000	61,268,000	61,269,000	61,270,000	61,271,000	61,272,000
61,273,000	61,274,000	61,275,000	61,276,000	61,277,000	61,278,000	61,279,000	61,280,000
61,281,000	61,282,000	61,283,000	61,284,000	61,285,000	61,286,000	61,287,000	61,288,000
61,289,000	61,290,000	61,291,000	61,292,000	61,293,000	61,294,000	61,295,000	61,296,000
61,297,000	61,298,000	61,299,000	61,300,000	61,301,000	61,302,000	61,303,000	61,304,000
61,305,000	61,306,000	61,307,000	61,308,000	61,309,000	61,310,000	61,311,000	61,312,000
61,313,000	61,314,000	61,315,000	61,316,000	61,317,000	61,318,000	61,319,000	61,320,000
61,321,000	61,322,000	61,323,000	61,324,000	61,325,000	61,326,000	61,327,000	61,328,000
61,329,000	61,330,000	61,331,000	61,332,000	61,333,000	61,334,000	61,335,000	61,336,000
61,337,000	61,338,000	61,339,000	61,340,000	61,341,000	61,342,000	61,343,000	61,344,000
61,345,000	61,346,000	61,347,000	61,348,000	61,349,000	61,350,000	61,351,000	61,352,000
61,353,000	61,354,000	61,355,000	61,356,000	61,357,000	61,358,000	61,359,000	61,360,000

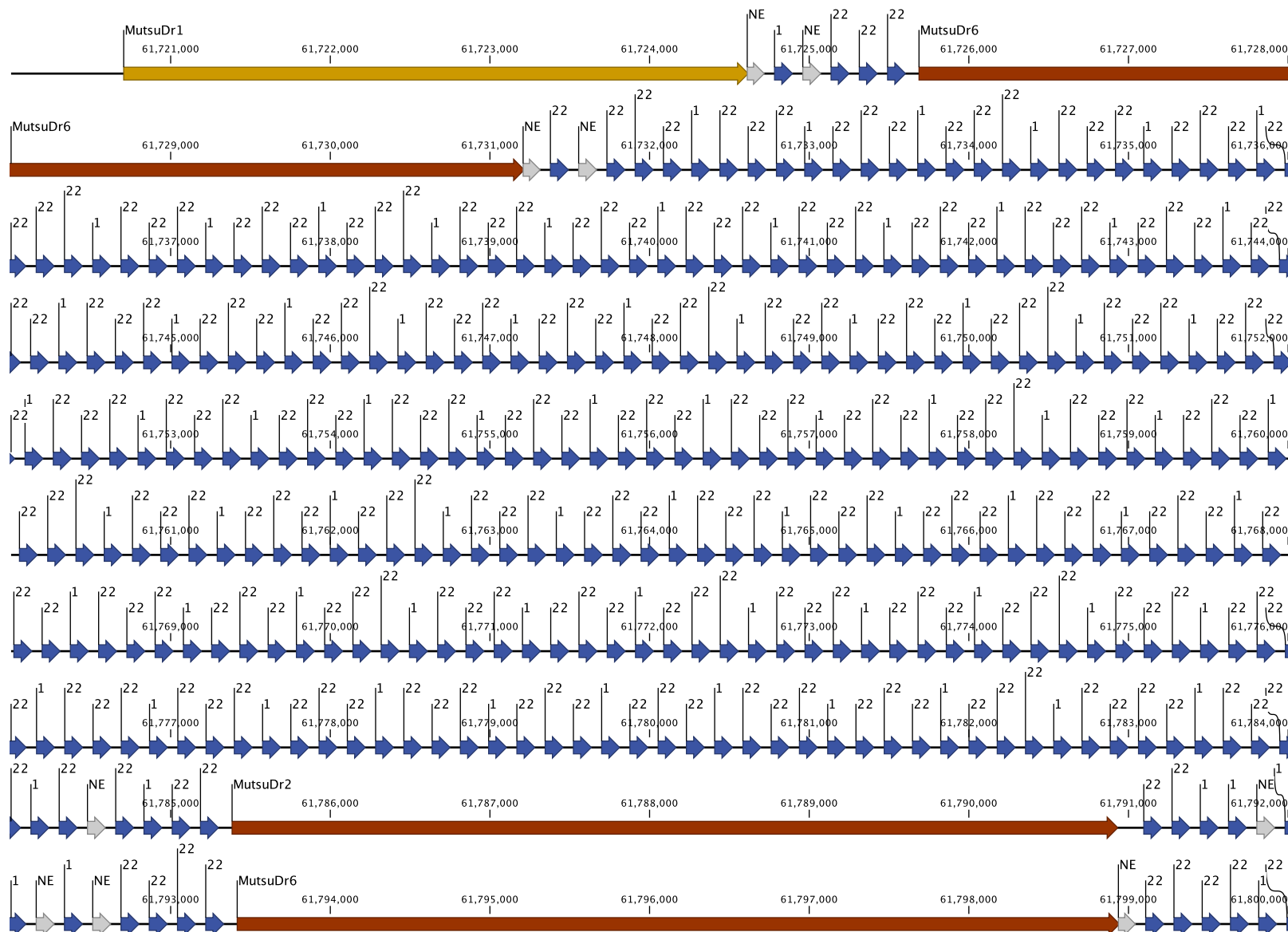
Supplemental Figure S8

61,361,000	61,362,000	61,363,000	61,364,000	61,365,000	61,366,000	61,367,000	61,368,000
61,369,000	61,370,000	61,371,000	61,372,000	61,373,000	61,374,000	61,375,000	61,376,000
61,377,000	61,378,000	61,379,000	61,380,000	61,381,000	61,382,000	61,383,000	61,384,000
61,385,000	61,386,000	61,387,000	61,388,000	61,389,000	61,390,000	61,391,000	61,392,000
61,393,000	61,394,000	61,395,000	61,396,000	61,397,000	61,398,000	61,399,000	61,400,000
61,401,000	61,402,000	61,403,000	61,404,000	61,405,000	61,406,000	61,407,000	61,408,000
61,409,000	61,410,000	61,411,000	61,412,000	61,413,000	61,414,000	61,415,000	61,416,000
61,417,000	61,418,000	61,419,000	61,420,000	61,421,000	61,422,000	61,423,000	61,424,000
61,425,000	61,426,000	61,427,000	61,428,000	61,429,000	61,430,000	61,431,000	61,432,000
61,433,000	61,434,000	61,435,000	61,436,000	61,437,000	61,438,000	61,439,000	61,440,000
61,441,000	61,442,000	61,443,000	61,444,000	61,445,000	61,446,000	61,447,000	61,448,000
61,449,000	61,450,000	61,451,000	61,452,000	61,453,000	61,454,000	61,455,000	61,456,000
61,457,000	61,458,000	61,459,000	61,460,000	61,461,000	61,462,000	61,463,000	61,464,000
61,465,000	61,466,000	61,467,000	61,468,000	61,469,000	61,470,000	61,471,000	61,472,000
61,473,000	61,474,000	61,475,000	61,476,000	61,477,000	61,478,000	61,479,000	61,480,000
61,481,000	61,482,000	61,483,000	61,484,000	61,485,000	61,486,000	61,487,000	61,488,000
61,489,000	61,490,000	61,491,000	61,492,000	61,493,000	61,494,000	61,495,000	61,496,000
61,497,000	61,498,000	61,499,000	61,500,000	61,501,000	61,502,000	61,503,000	61,504,000
61,505,000	61,506,000	61,507,000	61,508,000	61,509,000	61,510,000	61,511,000	61,512,000
61,513,000	61,514,000	61,515,000	61,516,000	61,517,000	61,518,000	61,519,000	61,520,000
61,521,000	61,522,000	61,523,000	61,524,000	61,525,000	61,526,000	61,527,000	61,528,000
61,529,000	61,530,000	61,531,000	61,532,000	61,533,000	61,534,000	61,535,000	61,536,000
61,537,000	61,538,000	61,539,000	61,540,000	61,541,000	61,542,000	61,543,000	61,544,000

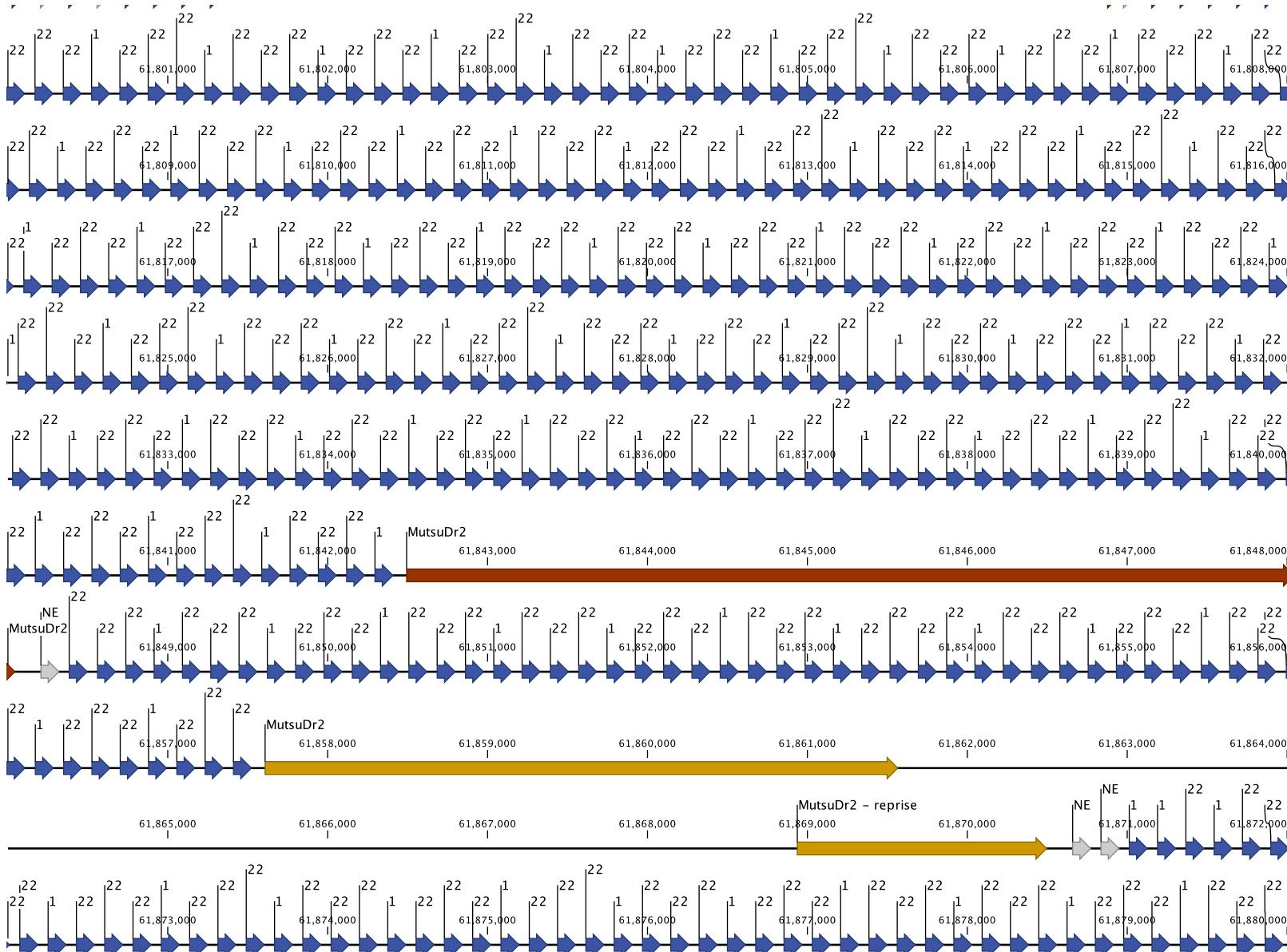
Supplemental Figure S8

61,545,000	61,546,000	61,547,000	61,548,000	61,549,000	61,550,000	61,551,000	61,552,000
61,553,000	61,554,000	61,555,000	61,556,000	61,557,000	61,558,000	61,559,000	61,560,000
61,561,000	61,562,000	61,563,000	61,564,000	61,565,000	61,566,000	61,567,000	61,568,000
61,569,000	61,570,000	61,571,000	61,572,000	61,573,000	61,574,000	61,575,000	61,576,000
61,577,000	61,578,000	61,579,000	61,580,000	61,581,000	61,582,000	61,583,000	61,584,000
61,585,000	61,586,000	61,587,000	61,588,000	61,589,000	61,590,000	61,591,000	61,592,000
61,593,000	61,594,000	61,595,000	61,596,000	61,597,000	61,598,000	61,599,000	61,600,000
61,601,000	61,602,000	61,603,000	61,604,000	61,605,000	61,606,000	61,607,000	61,608,000
61,609,000	61,610,000	61,611,000	61,612,000	61,613,000	61,614,000	61,615,000	61,616,000
61,617,000	61,618,000	61,619,000	61,620,000	61,621,000	61,622,000	61,623,000	61,624,000
61,625,000	61,626,000	61,627,000	61,628,000	61,629,000	61,630,000	61,631,000	61,632,000
61,633,000	61,634,000	61,635,000	61,636,000	61,637,000	61,638,000	61,639,000	61,640,000
61,641,000	61,642,000	61,643,000	61,644,000	61,645,000	61,646,000	61,647,000	61,648,000
61,649,000	61,650,000	61,651,000	61,652,000	61,653,000	61,654,000	61,655,000	61,656,000
61,657,000	61,658,000	61,659,000	61,660,000	61,661,000	61,662,000	61,663,000	61,664,000
61,665,000	61,666,000	61,667,000	61,668,000	61,669,000	61,670,000	61,671,000	61,672,000
61,673,000	61,674,000	61,675,000	61,676,000	61,677,000	61,678,000	61,679,000	61,680,000
61,681,000	61,682,000	61,683,000	61,684,000	61,685,000	61,686,000	61,687,000	61,688,000
61,689,000	61,690,000	61,691,000	61,692,000	61,693,000	61,694,000	61,695,000	61,696,000
61,697,000	61,698,000	61,699,000	61,700,000	61,701,000	61,702,000	61,703,000	61,704,000
61,705,000	61,706,000	61,707,000	61,708,000	61,709,000	61,710,000	61,711,000	61,712,000
61,713,000	61,714,000	61,715,000	61,716,000	61,717,000	61,718,000	61,719,000	61,720,000

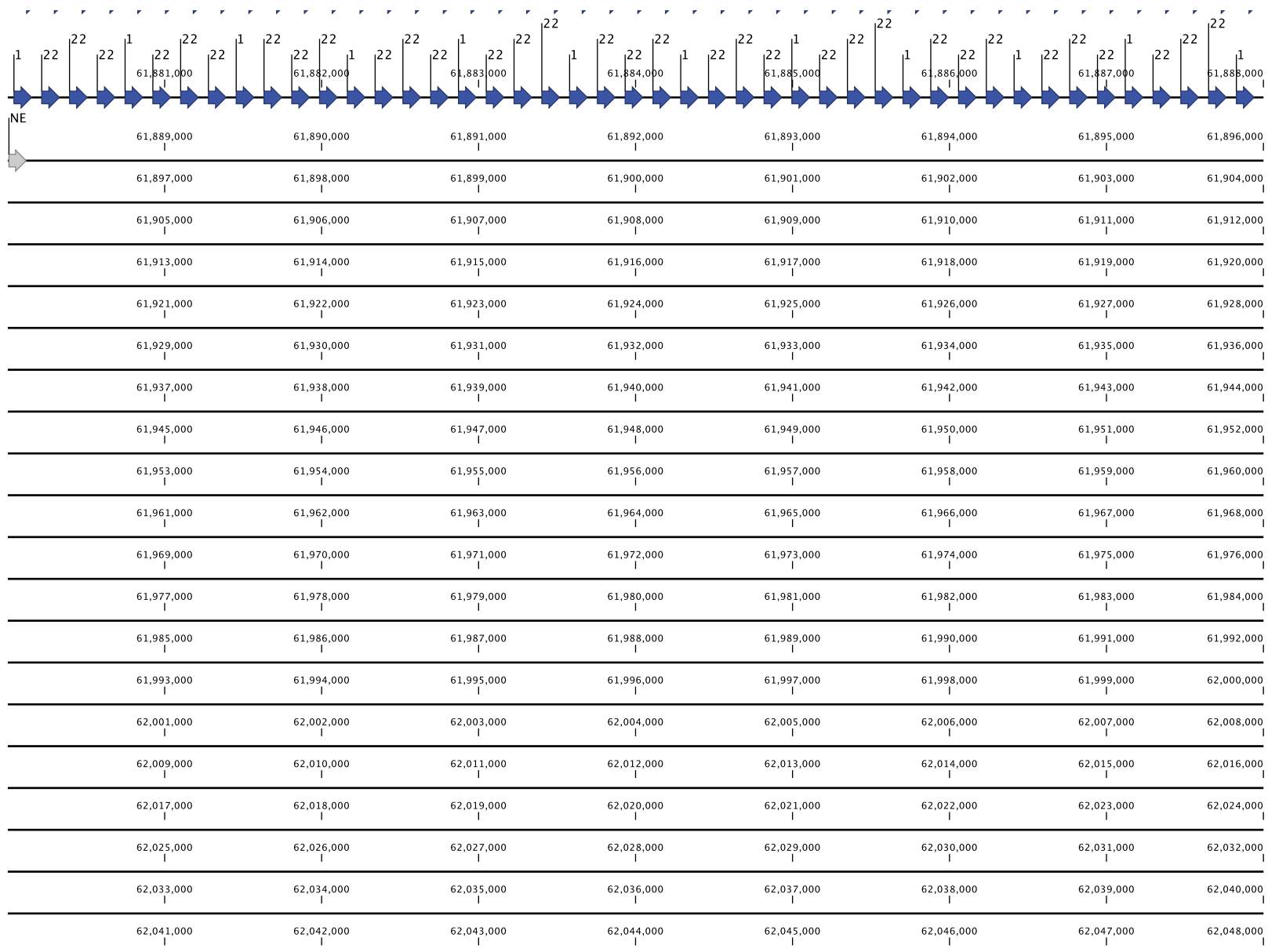
Supplemental Figure S8



Supplemental Figure S8



Supplemental Figure S8



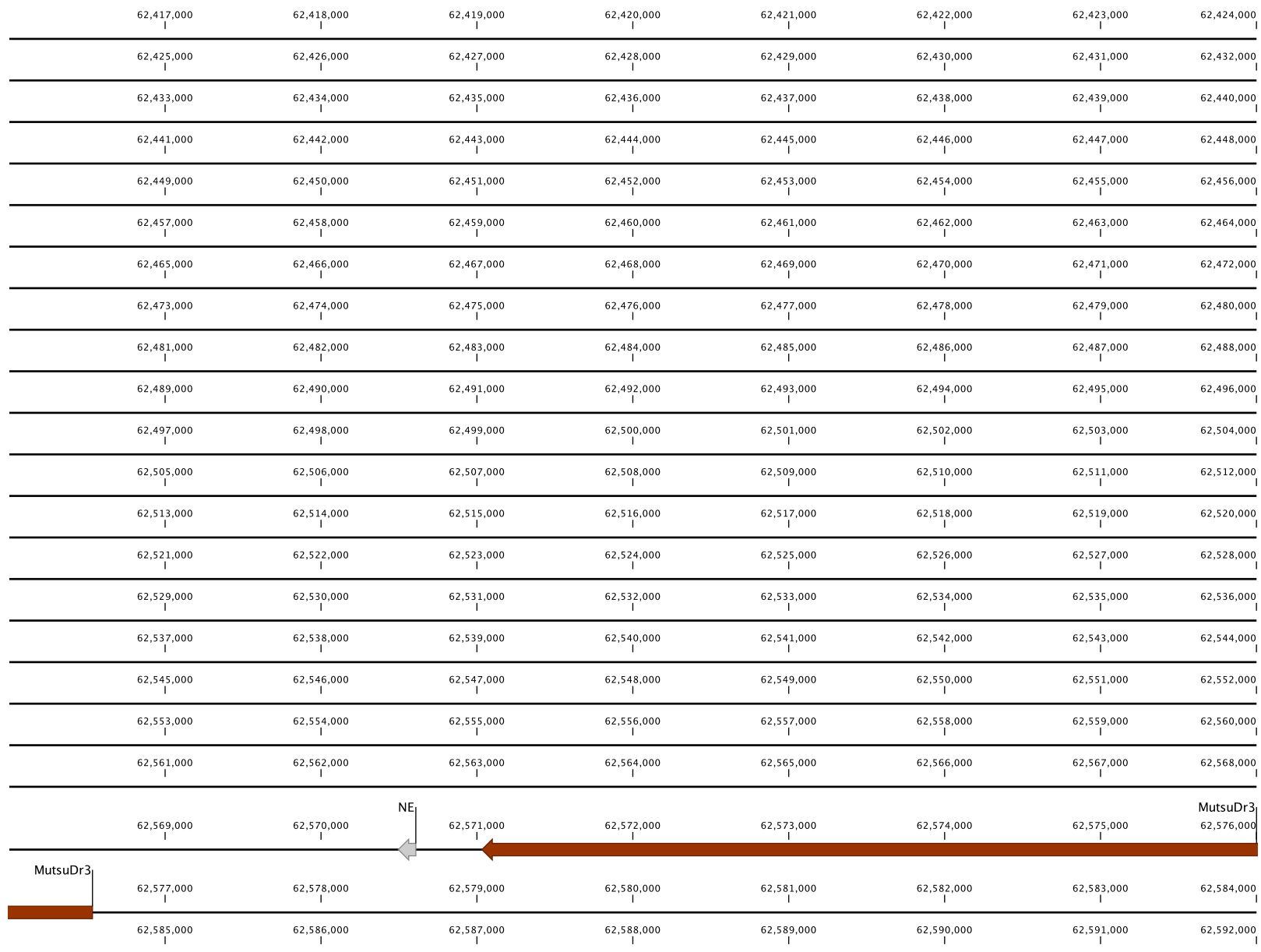
Supplemental Figure S8

62,049,000	62,050,000	62,051,000	62,052,000	62,053,000	62,054,000	62,055,000	62,056,000
62,057,000	62,058,000	62,059,000	62,060,000	62,061,000	62,062,000	62,063,000	62,064,000
62,065,000	62,066,000	62,067,000	62,068,000	62,069,000	62,070,000	62,071,000	62,072,000
62,073,000	62,074,000	62,075,000	62,076,000	62,077,000	62,078,000	62,079,000	62,080,000
62,081,000	62,082,000	62,083,000	62,084,000	62,085,000	62,086,000	62,087,000	62,088,000
62,089,000	62,090,000	62,091,000	62,092,000	62,093,000	62,094,000	62,095,000	62,096,000
62,097,000	62,098,000	62,099,000	62,100,000	62,101,000	62,102,000	62,103,000	62,104,000
62,105,000	62,106,000	62,107,000	62,108,000	62,109,000	62,110,000	62,111,000	62,112,000
62,113,000	62,114,000	62,115,000	62,116,000	62,117,000	62,118,000	62,119,000	62,120,000
62,121,000	62,122,000	62,123,000	62,124,000	62,125,000	62,126,000	62,127,000	62,128,000
62,129,000	62,130,000	62,131,000	62,132,000	62,133,000	62,134,000	62,135,000	62,136,000
62,137,000	62,138,000	62,139,000	62,140,000	62,141,000	62,142,000	62,143,000	62,144,000
62,145,000	62,146,000	62,147,000	62,148,000	62,149,000	62,150,000	62,151,000	62,152,000
62,153,000	62,154,000	62,155,000	62,156,000	62,157,000	62,158,000	62,159,000	62,160,000
62,161,000	62,162,000	62,163,000	62,164,000	62,165,000	62,166,000	62,167,000	62,168,000
62,169,000	62,170,000	62,171,000	62,172,000	62,173,000	62,174,000	62,175,000	62,176,000
62,177,000	62,178,000	62,179,000	62,180,000	62,181,000	62,182,000	62,183,000	62,184,000
62,185,000	62,186,000	62,187,000	62,188,000	62,189,000	62,190,000	62,191,000	62,192,000
62,193,000	62,194,000	62,195,000	62,196,000	62,197,000	62,198,000	62,199,000	62,200,000
62,201,000	62,202,000	62,203,000	62,204,000	62,205,000	62,206,000	62,207,000	62,208,000
62,209,000	62,210,000	62,211,000	62,212,000	62,213,000	62,214,000	62,215,000	62,216,000
62,217,000	62,218,000	62,219,000	62,220,000	62,221,000	62,222,000	62,223,000	62,224,000
62,225,000	62,226,000	62,227,000	62,228,000	62,229,000	62,230,000	62,231,000	62,232,000

Supplemental Figure S8

62,233,000	62,234,000	62,235,000	62,236,000	62,237,000	62,238,000	62,239,000	62,240,000
62,241,000	62,242,000	62,243,000	62,244,000	62,245,000	62,246,000	62,247,000	62,248,000
62,249,000	62,250,000	62,251,000	62,252,000	62,253,000	62,254,000	62,255,000	62,256,000
62,257,000	62,258,000	62,259,000	62,260,000	62,261,000	62,262,000	62,263,000	62,264,000
62,265,000	62,266,000	62,267,000	62,268,000	62,269,000	62,270,000	62,271,000	62,272,000
62,273,000	62,274,000	62,275,000	62,276,000	62,277,000	62,278,000	62,279,000	62,280,000
62,281,000	62,282,000	62,283,000	62,284,000	62,285,000	62,286,000	62,287,000	62,288,000
62,289,000	62,290,000	62,291,000	62,292,000	62,293,000	62,294,000	62,295,000	62,296,000
62,297,000	62,298,000	62,299,000	62,300,000	62,301,000	62,302,000	62,303,000	62,304,000
62,305,000	62,306,000	62,307,000	62,308,000	62,309,000	62,310,000	62,311,000	62,312,000
62,313,000	62,314,000	62,315,000	62,316,000	62,317,000	62,318,000	62,319,000	62,320,000
62,321,000	62,322,000	62,323,000	62,324,000	62,325,000	62,326,000	62,327,000	62,328,000
62,329,000	62,330,000	62,331,000	62,332,000	62,333,000	62,334,000	62,335,000	62,336,000
62,337,000	62,338,000	62,339,000	62,340,000	62,341,000	62,342,000	62,343,000	62,344,000
62,345,000	62,346,000	62,347,000	62,348,000	62,349,000	62,350,000	62,351,000	62,352,000
62,353,000	62,354,000	62,355,000	62,356,000	62,357,000	62,358,000	62,359,000	62,360,000
62,361,000	62,362,000	62,363,000	62,364,000	62,365,000	62,366,000	62,367,000	62,368,000
62,369,000	62,370,000	62,371,000	62,372,000	62,373,000	62,374,000	62,375,000	62,376,000
62,377,000	62,378,000	62,379,000	62,380,000	62,381,000	62,382,000	62,383,000	62,384,000
62,385,000	62,386,000	62,387,000	62,388,000	62,389,000	62,390,000	62,391,000	62,392,000
62,393,000	62,394,000	62,395,000	62,396,000	62,397,000	62,398,000	62,399,000	62,400,000
62,401,000	62,402,000	62,403,000	62,404,000	62,405,000	62,406,000	62,407,000	62,408,000
62,409,000	62,410,000	62,411,000	62,412,000	62,413,000	62,414,000	62,415,000	62,416,000

Supplemental Figure S8



Supplemental Figure S8

62,593,000	62,594,000	62,595,000	62,596,000	62,597,000	62,598,000	62,599,000	62,600,000
62,601,000	62,602,000	62,603,000	62,604,000	62,605,000	62,606,000	62,607,000	62,608,000
62,609,000	62,610,000	62,611,000	62,612,000	62,613,000	62,614,000	62,615,000	62,616,000
62,617,000	62,618,000	62,619,000	62,620,000	62,621,000	62,622,000	62,623,000	62,624,000
62,625,000	62,626,000	62,627,000	62,628,000	62,629,000	62,630,000	62,631,000	62,632,000
62,633,000	62,634,000	62,635,000	62,636,000	62,637,000	62,638,000	62,639,000	62,640,000
62,641,000	62,642,000	62,643,000	62,644,000	62,645,000	62,646,000	62,647,000	62,648,000
62,649,000	62,650,000	62,651,000	62,652,000	62,653,000	62,654,000	62,655,000	62,656,000
62,657,000	62,658,000	62,659,000	62,660,000	62,661,000	62,662,000	62,663,000	62,664,000
62,665,000	62,666,000	62,667,000	62,668,000	62,669,000	62,670,000	62,671,000	62,672,000
62,673,000	62,674,000	62,675,000	62,676,000	62,677,000	62,678,000	62,679,000	62,680,000
62,681,000	62,682,000	62,683,000	62,684,000	62,685,000	62,686,000	62,687,000	62,688,000
62,689,000	62,690,000	62,691,000	62,692,000	62,693,000	62,694,000	62,695,000	62,696,000
62,697,000	62,698,000	62,699,000	62,700,000	62,701,000	62,702,000	62,703,000	62,704,000
62,705,000	62,706,000	62,707,000	62,708,000	62,709,000	62,710,000	62,711,000	62,712,000
62,713,000	62,714,000	62,715,000	62,716,000	62,717,000	62,718,000	62,719,000	62,720,000
62,721,000	62,722,000	62,723,000	62,724,000	62,725,000	62,726,000	62,727,000	62,728,000
62,729,000	62,730,000	62,731,000	62,732,000	62,733,000	62,734,000	62,735,000	62,736,000
62,737,000	62,738,000	62,739,000	62,740,000	62,741,000	62,742,000	62,743,000	62,744,000
62,745,000	62,746,000	62,747,000	62,748,000	62,749,000	62,750,000	62,751,000	62,752,000
62,753,000	62,754,000	62,755,000	62,756,000	62,757,000	62,758,000	62,759,000	62,760,000
62,761,000	62,762,000	62,763,000	62,764,000	62,765,000	62,766,000	62,767,000	62,768,000
62,769,000	62,770,000	62,771,000	62,772,000	62,773,000	62,774,000	62,775,000	62,776,000

Supplemental Figure S8

62,777,000	62,778,000	62,779,000	62,780,000	62,781,000	62,782,000	62,783,000	62,784,000
62,785,000	62,786,000	62,787,000	62,788,000	62,789,000	62,790,000	62,791,000	62,792,000
62,793,000	62,794,000	62,795,000	62,796,000	62,797,000	62,798,000	62,799,000	62,800,000
62,801,000	62,802,000	62,803,000	62,804,000	62,805,000	62,806,000	62,807,000	62,808,000
62,809,000	62,810,000	62,811,000	62,812,000	62,813,000	62,814,000	62,815,000	62,816,000
62,817,000	62,818,000	62,819,000	62,820,000	62,821,000	62,822,000	62,823,000	62,824,000
62,825,000	62,826,000	62,827,000	62,828,000	62,829,000	62,830,000	62,831,000	62,832,000
62,833,000	62,834,000	62,835,000	62,836,000	62,837,000	62,838,000	62,839,000	62,840,000
62,841,000	62,842,000	62,843,000	62,844,000	62,845,000	62,846,000	62,847,000	62,848,000
62,849,000	62,850,000	62,851,000	62,852,000	62,853,000	62,854,000	62,855,000	62,856,000
62,857,000	62,858,000	62,859,000	62,860,000	62,861,000	62,862,000	62,863,000	62,864,000
62,865,000	62,866,000	62,867,000	62,868,000	62,869,000	62,870,000	62,871,000	62,872,000
62,873,000	62,874,000	62,875,000	62,876,000	62,877,000	62,878,000	62,879,000	62,880,000
62,881,000	62,882,000	62,883,000	62,884,000	62,885,000	62,886,000	62,887,000	62,888,000
62,889,000	62,890,000	62,891,000	62,892,000	62,893,000	62,894,000	62,895,000	62,896,000
62,897,000	62,898,000	62,899,000	62,900,000	62,901,000	62,902,000	62,903,000	62,904,000
62,905,000	62,906,000	62,907,000	62,908,000	62,909,000	62,910,000	62,911,000	62,912,000
62,913,000	62,914,000	62,915,000	62,916,000	62,917,000	62,918,000	62,919,000	62,920,000
62,921,000	62,922,000	62,923,000	62,924,000	62,925,000	62,926,000	62,927,000	62,928,000
62,929,000	62,930,000	62,931,000	62,932,000	62,933,000	62,934,000	62,935,000	62,936,000
62,937,000	62,938,000	62,939,000	62,940,000	62,941,000	62,942,000	62,943,000	62,944,000
62,945,000	62,946,000	62,947,000	62,948,000	62,949,000	62,950,000	62,951,000	62,952,000
62,953,000	62,954,000	62,955,000	62,956,000	62,957,000	62,958,000	62,959,000	62,960,000

Supplemental Figure S8

62,961,000	62,962,000	62,963,000	62,964,000	62,965,000	62,966,000	62,967,000	62,968,000
62,969,000	62,970,000	62,971,000	62,972,000	62,973,000	62,974,000	62,975,000	62,976,000
62,977,000	62,978,000	62,979,000	62,980,000	62,981,000	62,982,000	62,983,000	62,984,000
62,985,000	62,986,000	62,987,000	62,988,000	62,989,000	62,990,000	62,991,000	62,992,000
62,993,000	62,994,000	62,995,000	62,996,000	62,997,000	62,998,000	62,999,000	63,000,000
63,001,000	63,002,000	63,003,000	63,004,000	63,005,000	63,006,000	63,007,000	63,008,000
63,009,000	63,010,000	63,011,000	63,012,000	63,013,000	63,014,000	63,015,000	63,016,000
63,017,000	63,018,000	63,019,000	63,020,000	63,021,000	63,022,000	63,023,000	63,024,000
63,025,000	63,026,000	63,027,000	63,028,000	63,029,000	63,030,000	63,031,000	63,032,000
63,033,000	63,034,000	63,035,000	63,036,000	63,037,000	63,038,000	63,039,000	63,040,000
63,041,000	63,042,000	63,043,000	63,044,000	63,045,000	63,046,000	63,047,000	63,048,000
63,049,000	63,050,000	63,051,000	63,052,000	63,053,000	63,054,000	63,055,000	63,056,000
63,057,000	63,058,000	63,059,000	63,060,000	63,061,000	63,062,000	63,063,000	63,064,000
63,065,000	63,066,000	63,067,000	63,068,000	63,069,000	63,070,000	63,071,000	63,072,000
63,073,000	63,074,000	63,075,000	63,076,000	63,077,000	63,078,000	63,079,000	63,080,000
63,081,000	63,082,000	63,083,000	63,084,000	63,085,000	63,086,000	63,087,000	63,088,000
63,089,000	63,090,000	63,091,000	63,092,000	63,093,000	63,094,000	63,095,000	63,096,000
63,097,000	63,098,000	63,099,000	63,100,000	63,101,000	63,102,000	63,103,000	63,104,000
63,105,000	63,106,000	63,107,000	63,108,000	63,109,000	63,110,000	63,111,000	63,112,000
63,113,000	63,114,000	63,115,000	63,116,000	63,117,000	63,118,000	63,119,000	63,120,000
63,121,000	63,122,000	63,123,000	63,124,000	63,125,000	63,126,000	63,127,000	63,128,000
63,129,000	63,130,000	63,131,000	63,132,000	63,133,000	63,134,000	63,135,000	63,136,000
63,137,000	63,138,000	63,139,000	63,140,000	63,141,000	63,142,000	63,143,000	63,144,000

Supplemental Figure S8

63,145,000	63,146,000	63,147,000	63,148,000	63,149,000	63,150,000	63,151,000	63,152,000
63,153,000	63,154,000	63,155,000	63,156,000	63,157,000	63,158,000	63,159,000	63,160,000
63,161,000	63,162,000	63,163,000	63,164,000	63,165,000	63,166,000	63,167,000	63,168,000
63,169,000	63,170,000	63,171,000	63,172,000	63,173,000	63,174,000	63,175,000	63,176,000
63,177,000	63,178,000	63,179,000	63,180,000	63,181,000	63,182,000	63,183,000	63,184,000
63,185,000	63,186,000	63,187,000	63,188,000	63,189,000	63,190,000	63,191,000	63,192,000
63,193,000	63,194,000	63,195,000	63,196,000	63,197,000	63,198,000	63,199,000	63,200,000
63,201,000	63,202,000	63,203,000	63,204,000	63,205,000	63,206,000	63,207,000	63,208,000
63,209,000	63,210,000	63,211,000	63,212,000	63,213,000	63,214,000	63,215,000	63,216,000
63,217,000	63,218,000	63,219,000	63,220,000	63,221,000	63,222,000	63,223,000	63,224,000
63,225,000	63,226,000	63,227,000	63,228,000	63,229,000	63,230,000	63,231,000	63,232,000
63,233,000	63,234,000	63,235,000	63,236,000	63,237,000	63,238,000	63,239,000	63,240,000
63,241,000	63,242,000	63,243,000	63,244,000	63,245,000	63,246,000	63,247,000	63,248,000
63,249,000	63,250,000	63,251,000	63,252,000	63,253,000	63,254,000	63,255,000	63,256,000
63,257,000	63,258,000	63,259,000	63,260,000	63,261,000	63,262,000	63,263,000	63,264,000
63,265,000	63,266,000	63,267,000	63,268,000	63,269,000	63,270,000	63,271,000	63,272,000
63,273,000	63,274,000	63,275,000	63,276,000	63,277,000	63,278,000	63,279,000	63,280,000
63,281,000	63,282,000	63,283,000	63,284,000	63,285,000	63,286,000	63,287,000	63,288,000
63,289,000	63,290,000	63,291,000	63,292,000	63,293,000	63,294,000	63,295,000	63,296,000
63,297,000	63,298,000	63,299,000	63,300,000	63,301,000	63,302,000	63,303,000	63,304,000
63,305,000	63,306,000	63,307,000	63,308,000	63,309,000	63,310,000	63,311,000	63,312,000
63,313,000	63,314,000	63,315,000	63,316,000	63,317,000	63,318,000	63,319,000	63,320,000
63,321,000	63,322,000	63,323,000	63,324,000	63,325,000	63,326,000	63,327,000	63,328,000

Supplemental Figure S8

63,329,000	63,330,000	63,331,000	63,332,000	63,333,000	63,334,000	63,335,000	63,336,000
63,337,000	63,338,000	63,339,000	63,340,000	63,341,000	63,342,000	63,343,000	63,344,000
63,345,000	63,346,000	63,347,000	63,348,000	63,349,000	63,350,000	63,351,000	63,352,000
63,353,000	63,354,000	63,355,000	63,356,000	63,357,000	63,358,000	63,359,000	63,360,000
63,361,000	63,362,000	63,363,000	63,364,000	63,365,000	63,366,000	63,367,000	63,368,000
63,369,000	63,370,000	63,371,000	63,372,000	63,373,000	63,374,000	63,375,000	63,376,000
63,377,000	63,378,000	63,379,000	63,380,000	63,381,000	63,382,000	63,383,000	63,384,000
63,385,000	63,386,000	63,387,000	63,388,000	63,389,000	63,390,000	63,391,000	63,392,000
63,393,000	63,394,000	63,395,000	63,396,000	63,397,000	63,398,000	63,399,000	63,400,000
63,401,000	63,402,000	63,403,000	63,404,000	63,405,000	63,406,000	63,407,000	63,408,000
63,409,000	63,410,000	63,411,000	63,412,000	63,413,000	63,414,000	63,415,000	63,416,000
63,417,000	63,418,000	63,419,000	63,420,000	63,421,000	63,422,000	63,423,000	63,424,000
63,425,000	63,426,000	63,427,000	63,428,000	63,429,000	63,430,000	63,431,000	63,432,000
63,433,000	63,434,000	63,435,000	63,436,000	63,437,000	63,438,000	63,439,000	63,440,000
63,441,000	63,442,000	63,443,000	63,444,000	63,445,000	63,446,000	63,447,000	63,448,000
63,449,000	63,450,000	63,451,000	63,452,000	63,453,000	63,454,000	63,455,000	63,456,000
63,457,000	63,458,000	63,459,000	63,460,000	63,461,000	63,462,000	63,463,000	63,464,000
63,465,000	63,466,000	63,467,000	63,468,000	63,469,000	63,470,000	63,471,000	63,472,000
63,473,000	63,474,000	63,475,000	63,476,000	63,477,000	63,478,000	63,479,000	63,480,000
63,481,000	63,482,000	63,483,000	63,484,000	63,485,000	63,486,000	63,487,000	63,488,000
63,489,000	63,490,000	63,491,000	63,492,000	63,493,000	63,494,000	63,495,000	63,496,000
63,497,000	63,498,000	63,499,000	63,500,000	63,501,000	63,502,000	63,503,000	63,504,000
63,505,000	63,506,000	63,507,000	63,508,000	63,509,000	63,510,000	63,511,000	63,512,000

NE



Supplemental Figure S8

63,513,000	63,514,000	63,515,000	63,516,000	63,517,000	63,518,000	63,519,000	63,520,000
63,521,000	63,522,000	63,523,000	63,524,000	63,525,000	63,526,000	63,527,000	63,528,000
63,529,000	63,530,000	63,531,000	63,532,000	63,533,000	63,534,000	63,535,000	63,536,000
63,537,000	63,538,000	63,539,000	63,540,000	63,541,000	63,542,000	63,543,000	63,544,000
63,545,000	63,546,000	63,547,000	63,548,000	63,549,000	63,550,000	63,551,000	63,552,000
63,553,000	63,554,000	63,555,000	63,556,000	63,557,000	63,558,000	63,559,000	63,560,000
63,561,000	63,562,000	63,563,000	63,564,000	63,565,000	63,566,000	63,567,000	63,568,000
63,569,000	63,570,000	63,571,000	63,572,000	63,573,000	63,574,000	63,575,000	63,576,000
63,577,000	63,578,000	63,579,000	63,580,000	63,581,000	63,582,000	63,583,000	63,584,000
63,585,000	63,586,000	63,587,000	63,588,000	63,589,000	63,590,000	63,591,000	63,592,000
63,593,000	63,594,000	63,595,000	63,596,000	63,597,000	63,598,000	63,599,000	63,600,000
63,601,000	63,602,000	63,603,000	63,604,000	63,605,000	63,606,000	63,607,000	63,608,000
63,609,000	63,610,000	63,611,000	63,612,000	63,613,000	63,614,000	63,615,000	63,616,000
63,617,000	63,618,000	63,619,000	63,620,000	63,621,000	63,622,000	63,623,000	63,624,000
63,625,000	63,626,000	63,627,000	63,628,000	63,629,000	63,630,000	63,631,000	63,632,000
63,633,000	63,634,000	63,635,000	63,636,000	63,637,000	63,638,000	63,639,000	63,640,000
63,641,000	63,642,000	63,643,000	63,644,000	63,645,000	63,646,000	63,647,000	63,648,000
63,649,000	63,650,000	63,651,000	63,652,000	63,653,000	63,654,000	63,655,000	63,656,000
63,657,000	63,658,000	63,659,000	63,660,000	63,661,000	63,662,000	63,663,000	63,664,000
63,665,000	63,666,000	63,667,000	63,668,000	63,669,000	63,670,000	63,671,000	63,672,000
63,673,000	63,674,000	63,675,000	63,676,000	63,677,000	63,678,000	63,679,000	63,680,000
63,681,000	63,682,000	63,683,000	63,684,000	63,685,000	63,686,000	63,687,000	63,688,000
63,689,000	63,690,000	63,691,000	63,692,000	63,693,000	63,694,000	63,695,000	63,696,000

Supplemental Figure S8

63,697,000	63,698,000	63,699,000	63,700,000	63,701,000	63,702,000	63,703,000	63,704,000
63,705,000	63,706,000	63,707,000	63,708,000	63,709,000	63,710,000	63,711,000	63,712,000
63,713,000	63,714,000	63,715,000	63,716,000	63,717,000	63,718,000	63,719,000	63,720,000
63,721,000	63,722,000	63,723,000	63,724,000	63,725,000	63,726,000	63,727,000	63,728,000
63,729,000	63,730,000	63,731,000	63,732,000	63,733,000	63,734,000	63,735,000	63,736,000
63,737,000	63,738,000	63,739,000	63,740,000	63,741,000	63,742,000	63,743,000	63,744,000
63,745,000	63,746,000	63,747,000	63,748,000	63,749,000	63,750,000	63,751,000	63,752,000
63,753,000	63,754,000	63,755,000	63,756,000	63,757,000	63,758,000	63,759,000	63,760,000
63,761,000	63,762,000	63,763,000	63,764,000	63,765,000	63,766,000	63,767,000	63,768,000
63,769,000	63,770,000	63,771,000	63,772,000	63,773,000	63,774,000	63,775,000	63,776,000
63,777,000	63,778,000	63,779,000	63,780,000	63,781,000	63,782,000	63,783,000	63,784,000
63,785,000	63,786,000	63,787,000	63,788,000	63,789,000	63,790,000	63,791,000	63,792,000
63,793,000	63,794,000	63,795,000	63,796,000	63,797,000	63,798,000	63,799,000	63,800,000
63,801,000	63,802,000	63,803,000	63,804,000	63,805,000	63,806,000	63,807,000	63,808,000
63,809,000	63,810,000	63,811,000	63,812,000	63,813,000	63,814,000	63,815,000	63,816,000
63,817,000	63,818,000	63,819,000	63,820,000	63,821,000	63,822,000	63,823,000	63,824,000
63,825,000	63,826,000	63,827,000	63,828,000	63,829,000	63,830,000	63,831,000	63,832,000
63,833,000	63,834,000	63,835,000	63,836,000	63,837,000	63,838,000	63,839,000	63,840,000
63,841,000	63,842,000	63,843,000	63,844,000	63,845,000	63,846,000	63,847,000	63,848,000
63,849,000	63,850,000	63,851,000	63,852,000	63,853,000	63,854,000	63,855,000	63,856,000
63,857,000	63,858,000	63,859,000	63,860,000	63,861,000	63,862,000	63,863,000	63,864,000
63,865,000	63,866,000	63,867,000	63,868,000	63,869,000	63,870,000	63,871,000	63,872,000
63,873,000	63,874,000	63,875,000	63,876,000	63,877,000	63,878,000	63,879,000	63,880,000

Supplemental Figure S8

63,881,000	63,882,000	63,883,000	63,884,000	63,885,000	63,886,000	63,887,000	63,888,000
63,889,000	63,890,000	63,891,000	63,892,000	63,893,000	63,894,000	63,895,000	63,896,000
63,897,000	63,898,000	63,899,000	63,900,000	63,901,000	63,902,000	63,903,000	63,904,000
63,905,000	63,906,000	63,907,000	63,908,000	63,909,000	63,910,000	63,911,000	63,912,000
63,913,000	63,914,000	63,915,000	63,916,000	63,917,000	63,918,000	63,919,000	63,920,000
63,921,000	63,922,000	63,923,000	63,924,000	63,925,000	63,926,000	63,927,000	63,928,000
63,929,000	63,930,000	63,931,000	63,932,000	63,933,000	63,934,000	63,935,000	63,936,000
63,937,000	63,938,000	63,939,000	63,940,000	63,941,000	63,942,000	63,943,000	63,944,000
63,945,000	63,946,000	63,947,000	63,948,000	63,949,000	63,950,000	63,951,000	63,952,000
63,953,000	63,954,000	63,955,000	63,956,000	63,957,000	63,958,000	63,959,000	63,960,000
63,961,000	63,962,000	63,963,000	63,964,000	63,965,000	63,966,000	63,967,000	63,968,000
63,969,000	63,970,000	63,971,000	63,972,000	63,973,000	63,974,000	63,975,000	63,976,000
63,977,000	63,978,000	63,979,000	63,980,000	63,981,000	63,982,000	63,983,000	63,984,000
63,985,000	63,986,000	63,987,000	63,988,000	63,989,000	63,990,000	63,991,000	63,992,000
63,993,000	63,994,000	63,995,000	63,996,000	63,997,000	63,998,000	63,999,000	64,000,000
64,001,000	64,002,000	64,003,000	64,004,000	64,005,000	64,006,000	64,007,000	64,008,000
64,009,000	64,010,000	64,011,000	64,012,000	64,013,000	64,014,000	64,015,000	64,016,000
64,017,000	64,018,000	64,019,000	64,020,000	64,021,000	64,022,000	64,023,000	64,024,000
64,025,000	64,026,000	64,027,000	64,028,000	64,029,000	64,030,000	64,031,000	64,032,000
64,033,000	64,034,000	64,035,000	64,036,000	64,037,000	64,038,000	64,039,000	64,040,000
64,041,000	64,042,000	64,043,000	64,044,000	64,045,000	64,046,000	64,047,000	64,048,000
64,049,000	64,050,000	64,051,000	64,052,000	64,053,000	64,054,000	64,055,000	64,056,000
64,057,000	64,058,000	64,059,000	64,060,000	64,061,000	64,062,000	64,063,000	64,064,000

Supplemental Figure S8

64,065,000	64,066,000	64,067,000	64,068,000	64,069,000	64,070,000	64,071,000	64,072,000
64,073,000	64,074,000	64,075,000	64,076,000	64,077,000	64,078,000	64,079,000	64,080,000
64,081,000	64,082,000	64,083,000	64,084,000	64,085,000	64,086,000	64,087,000	64,088,000
64,089,000	64,090,000	64,091,000	64,092,000	64,093,000	64,094,000	64,095,000	64,096,000
64,097,000	64,098,000	64,099,000	64,100,000	64,101,000	64,102,000	64,103,000	64,104,000
64,105,000	64,106,000	64,107,000	64,108,000	64,109,000	64,110,000	64,111,000	64,112,000
64,113,000	64,114,000	64,115,000	64,116,000	64,117,000	64,118,000	64,119,000	64,120,000
64,121,000	64,122,000	64,123,000	64,124,000	64,125,000	64,126,000	64,127,000	64,128,000
64,129,000	64,130,000	64,131,000	64,132,000	64,133,000	64,134,000	64,135,000	64,136,000
64,137,000	64,138,000	64,139,000	64,140,000	64,141,000	64,142,000	64,143,000	64,144,000
64,145,000	64,146,000	64,147,000	64,148,000	64,149,000	64,150,000	64,151,000	64,152,000
64,153,000	64,154,000	64,155,000	64,156,000	64,157,000	64,158,000	64,159,000	64,160,000
64,161,000	64,162,000	64,163,000	64,164,000	64,165,000	64,166,000	64,167,000	64,168,000
64,169,000	64,170,000	64,171,000	64,172,000	64,173,000	64,174,000	64,175,000	64,176,000
64,177,000	64,178,000	64,179,000	64,180,000	64,181,000	64,182,000	64,183,000	64,184,000
64,185,000	64,186,000	64,187,000	64,188,000	64,189,000	64,190,000	64,191,000	64,192,000
64,193,000	64,194,000	64,195,000	64,196,000	64,197,000	64,198,000	64,199,000	64,200,000
64,201,000	64,202,000	64,203,000	64,204,000	64,205,000	64,206,000	64,207,000	64,208,000
64,209,000	64,210,000	64,211,000	64,212,000	64,213,000	64,214,000	64,215,000	64,216,000
64,217,000	64,218,000	64,219,000	64,220,000	64,221,000	64,222,000	64,223,000	64,224,000
64,225,000	64,226,000	64,227,000	64,228,000	64,229,000	64,230,000	64,231,000	64,232,000
64,233,000	64,234,000	64,235,000	64,236,000	64,237,000	64,238,000	64,239,000	64,240,000
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Supplemental Figure S8

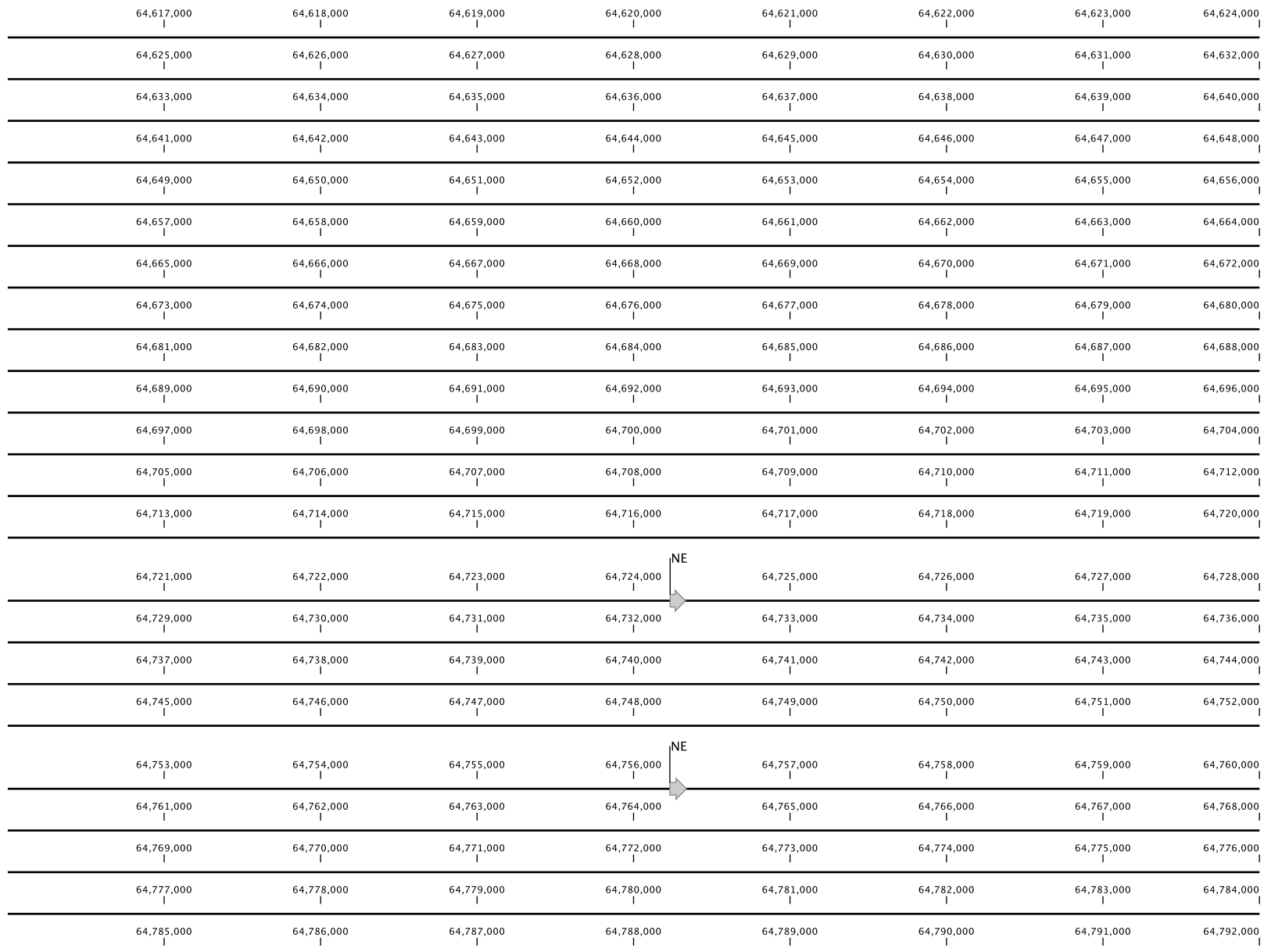
64,249,000	64,250,000	64,251,000	64,252,000	64,253,000	64,254,000	64,255,000	64,256,000
64,257,000	64,258,000	64,259,000	64,260,000	64,261,000	64,262,000	64,263,000	64,264,000
64,265,000	64,266,000	64,267,000	64,268,000	64,269,000	64,270,000	64,271,000	64,272,000
64,273,000	64,274,000	64,275,000	64,276,000	64,277,000	64,278,000	64,279,000	64,280,000
64,281,000	64,282,000	64,283,000	64,284,000	64,285,000	64,286,000	64,287,000	64,288,000
64,289,000	64,290,000	64,291,000	64,292,000	64,293,000	64,294,000	64,295,000	64,296,000
64,297,000	64,298,000	64,299,000	64,300,000	64,301,000	64,302,000	64,303,000	64,304,000
64,305,000	64,306,000	64,307,000	64,308,000	64,309,000	64,310,000	64,311,000	64,312,000
64,313,000	64,314,000	64,315,000	64,316,000	64,317,000	64,318,000	64,319,000	64,320,000
64,321,000	64,322,000	64,323,000	64,324,000	64,325,000	64,326,000	64,327,000	64,328,000
64,329,000	64,330,000	64,331,000	64,332,000	64,333,000	64,334,000	64,335,000	64,336,000
64,337,000	64,338,000	64,339,000	64,340,000	64,341,000	64,342,000	64,343,000	64,344,000
64,345,000	64,346,000	64,347,000	64,348,000	64,349,000	64,350,000	64,351,000	64,352,000
64,353,000	64,354,000	64,355,000	64,356,000	64,357,000	64,358,000	64,359,000	64,360,000
64,361,000	64,362,000	64,363,000	64,364,000	64,365,000	64,366,000	64,367,000	64,368,000
64,369,000	64,370,000	64,371,000	64,372,000	64,373,000	64,374,000	64,375,000	64,376,000
64,377,000	64,378,000	64,379,000	64,380,000	64,381,000	64,382,000	64,383,000	64,384,000
64,385,000	64,386,000	64,387,000	64,388,000	64,389,000	64,390,000	64,391,000	64,392,000
64,393,000	64,394,000	64,395,000	64,396,000	64,397,000	64,398,000	64,399,000	64,400,000
64,401,000	64,402,000	64,403,000	64,404,000	64,405,000	64,406,000	64,407,000	64,408,000
64,409,000	64,410,000	64,411,000	64,412,000	64,413,000	64,414,000	64,415,000	64,416,000
64,417,000	64,418,000	64,419,000	64,420,000	64,421,000	64,422,000	64,423,000	64,424,000
64,425,000	64,426,000	64,427,000	64,428,000	64,429,000	64,430,000	64,431,000	64,432,000

Supplemental Figure S8

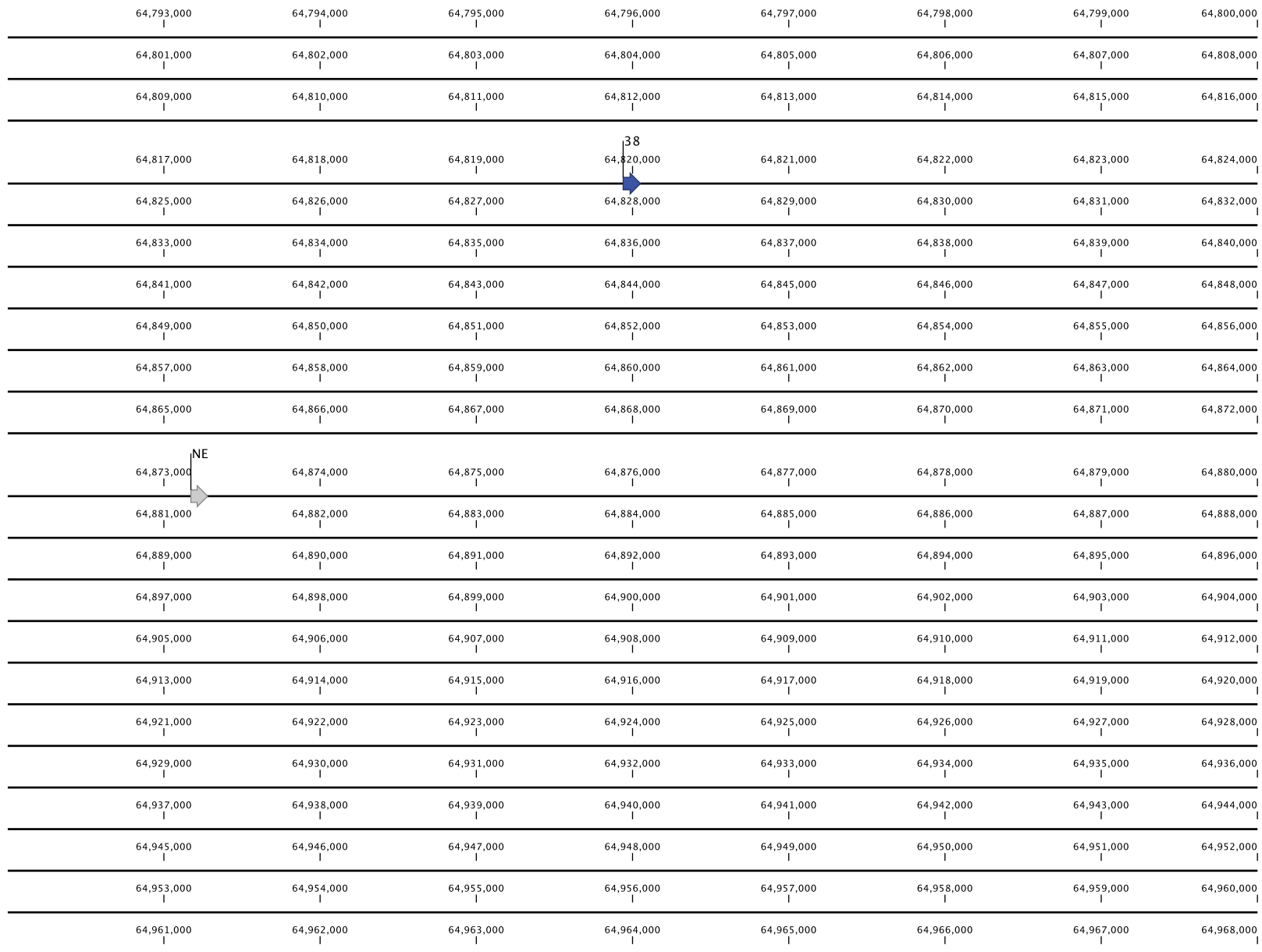
64,433,000	64,434,000	64,435,000	64,436,000	64,437,000	64,438,000	64,439,000	64,440,000
64,441,000	64,442,000	64,443,000	64,444,000	64,445,000	64,446,000	64,447,000	64,448,000
64,449,000	64,450,000	64,451,000	64,452,000	64,453,000	64,454,000	64,455,000	64,456,000
64,457,000	64,458,000	64,459,000	64,460,000	64,461,000	64,462,000	64,463,000	64,464,000
64,465,000	64,466,000	64,467,000	64,468,000	64,469,000	64,470,000	64,471,000	64,472,000
64,473,000	64,474,000	64,475,000	64,476,000	64,477,000	64,478,000	64,479,000	64,480,000
64,481,000	64,482,000	64,483,000	64,484,000	64,485,000	64,486,000	64,487,000	64,488,000
64,489,000	64,490,000	64,491,000	64,492,000	64,493,000	64,494,000	64,495,000	64,496,000
64,497,000	64,498,000	64,499,000	64,500,000	64,501,000	64,502,000	64,503,000	64,504,000
64,505,000	64,506,000	64,507,000	64,508,000	64,509,000	64,510,000	64,511,000	64,512,000
64,513,000	64,514,000	64,515,000	64,516,000	64,517,000	64,518,000	64,519,000	64,520,000
64,521,000	64,522,000	64,523,000	64,524,000	64,525,000	64,526,000	64,527,000	64,528,000
64,529,000	64,530,000	64,531,000	64,532,000	64,533,000	64,534,000	64,535,000	64,536,000
64,537,000	64,538,000	64,539,000	64,540,000	64,541,000	64,542,000	64,543,000	64,544,000
64,545,000	64,546,000	64,547,000	64,548,000	64,549,000	64,550,000	64,551,000	64,552,000
64,553,000	64,554,000	64,555,000	64,556,000	64,557,000	64,558,000	64,559,000	64,560,000
64,561,000	64,562,000	64,563,000	64,564,000	64,565,000	64,566,000	64,567,000	64,568,000
64,569,000	64,570,000	64,571,000	64,572,000	64,573,000	64,574,000	64,575,000	64,576,000
64,577,000	64,578,000	64,579,000	64,580,000	64,581,000	64,582,000	64,583,000	64,584,000
64,585,000	64,586,000	64,587,000	64,588,000	64,589,000	64,590,000	64,591,000	64,592,000
64,593,000	64,594,000	64,595,000	64,596,000	64,597,000	64,598,000	64,599,000	64,600,000
64,601,000	64,602,000	64,603,000	64,604,000	64,605,000	64,606,000	64,607,000	64,608,000
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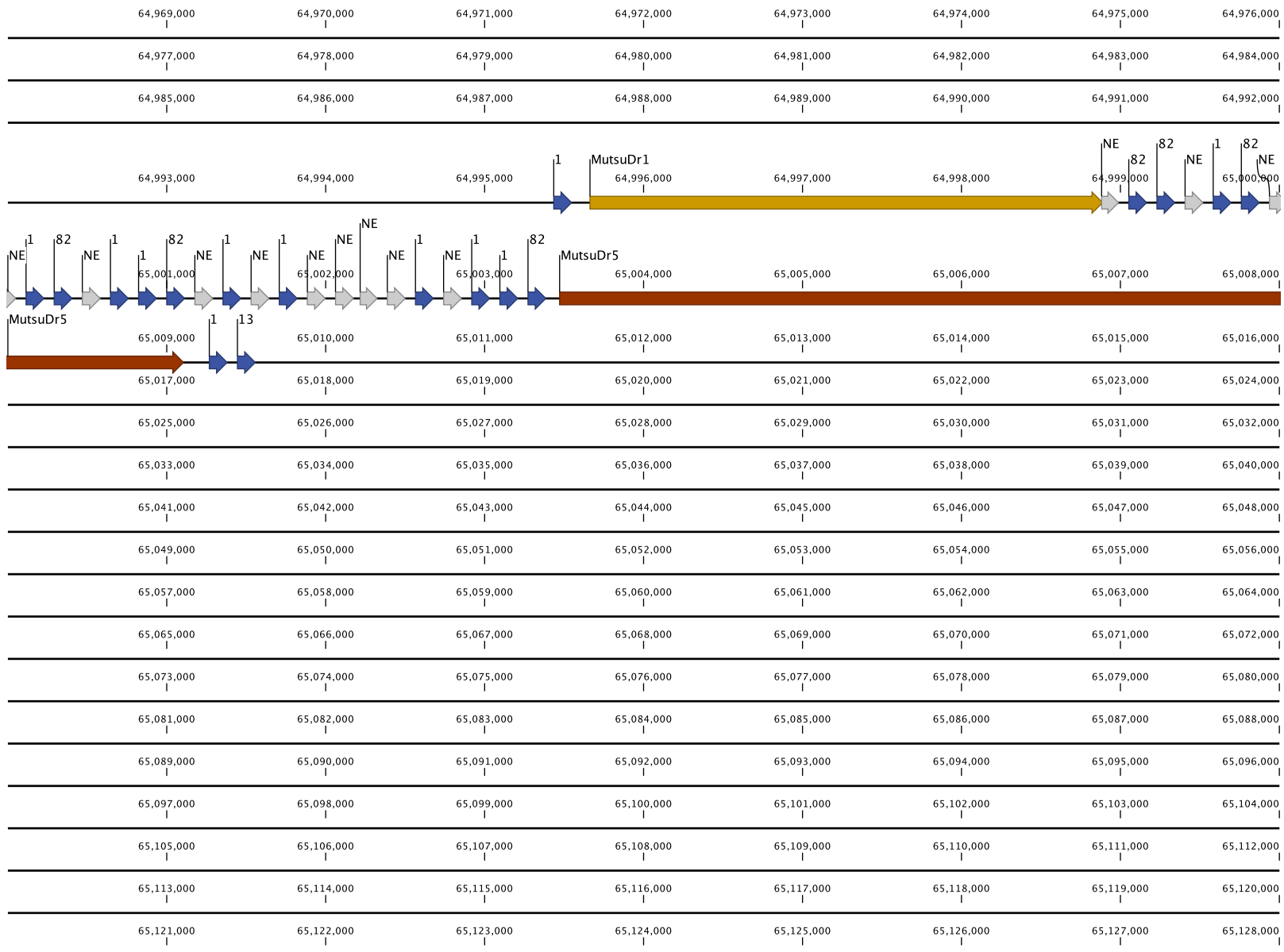

Supplemental Figure S8



Supplemental Figure S8



Supplemental Figure S8



Supplemental Figure S8

65,129,000	65,130,000	65,131,000	65,132,000	65,133,000	65,134,000	65,135,000	65,136,000
65,137,000	65,138,000	65,139,000	65,140,000	65,141,000	65,142,000	65,143,000	65,144,000
65,145,000	65,146,000	65,147,000	65,148,000	65,149,000	65,150,000	65,151,000	65,152,000
65,153,000	65,154,000	65,155,000	65,156,000	65,157,000	65,158,000	65,159,000	65,160,000
65,161,000	65,162,000	65,163,000	65,164,000	65,165,000	65,166,000	65,167,000	65,168,000
65,169,000	65,170,000	65,171,000	65,172,000	65,173,000	65,174,000	65,175,000	65,176,000
65,177,000	65,178,000	65,179,000	65,180,000	65,181,000	65,182,000	65,183,000	65,184,000
65,185,000	65,186,000	65,187,000	65,188,000	65,189,000	65,190,000	65,191,000	65,192,000
65,193,000	65,194,000	65,195,000	65,196,000	65,197,000	65,198,000	65,199,000	65,200,000
65,201,000	65,202,000	65,203,000	65,204,000	65,205,000	65,206,000	65,207,000	65,208,000
65,209,000	65,210,000	65,211,000	65,212,000	65,213,000	65,214,000	65,215,000	65,216,000
65,217,000	65,218,000	65,219,000	65,220,000	65,221,000	65,222,000	65,223,000	65,224,000
65,225,000	65,226,000	65,227,000	65,228,000	65,229,000	65,230,000	65,231,000	65,232,000
65,233,000	65,234,000	65,235,000	65,236,000	65,237,000	65,238,000	65,239,000	65,240,000
65,241,000	65,242,000	65,243,000	65,244,000	65,245,000	65,246,000	65,247,000	65,248,000
65,249,000	65,250,000	65,251,000	65,252,000	65,253,000	65,254,000	65,255,000	65,256,000
65,257,000	65,258,000	65,259,000	65,260,000	65,261,000	65,262,000	65,263,000	65,264,000
65,265,000	65,266,000	65,267,000	65,268,000	65,269,000	65,270,000	65,271,000	65,272,000
65,273,000	65,274,000	65,275,000	65,276,000	65,277,000	65,278,000	65,279,000	65,280,000
65,281,000	65,282,000	65,283,000	65,284,000	65,285,000	65,286,000	65,287,000	65,288,000
65,289,000	65,290,000	65,291,000	65,292,000	65,293,000	65,294,000	65,295,000	65,296,000
65,297,000	65,298,000	65,299,000	65,300,000	65,301,000	65,302,000	65,303,000	65,304,000
65,305,000	65,306,000	65,307,000	65,308,000	65,309,000	65,310,000	65,311,000	65,312,000

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Supplemental Figure S8

65,313,000	65,314,000	65,315,000	65,316,000	65,317,000	65,318,000	65,319,000	65,320,000
65,321,000	65,322,000	65,323,000	65,324,000	65,325,000	65,326,000	65,327,000	65,328,000
65,329,000	65,330,000	65,331,000	65,332,000	65,333,000	65,334,000	65,335,000	65,336,000
65,337,000	65,338,000	65,339,000	65,340,000	65,341,000	65,342,000	65,343,000	65,344,000
65,345,000	65,346,000	65,347,000	65,348,000	65,349,000	65,350,000	65,351,000	65,352,000
65,353,000	65,354,000	65,355,000	65,356,000	65,357,000	65,358,000	65,359,000	65,360,000
65,361,000	65,362,000	65,363,000	65,364,000	65,365,000	65,366,000	65,367,000	65,368,000
65,369,000	65,370,000	65,371,000	65,372,000	65,373,000	65,374,000	65,375,000	65,376,000
65,377,000	65,378,000	65,379,000	65,380,000	65,381,000	65,382,000	65,383,000	65,384,000
65,385,000	65,386,000	65,387,000	65,388,000	65,389,000	65,390,000	65,391,000	65,392,000
65,393,000	65,394,000	65,395,000	65,396,000	65,397,000	65,398,000	65,399,000	65,400,000
65,401,000	65,402,000	65,403,000	65,404,000	65,405,000	65,406,000	65,407,000	65,408,000
65,409,000	65,410,000	65,411,000	65,412,000	65,413,000	65,414,000	65,415,000	65,416,000
65,417,000	65,418,000	65,419,000	65,420,000	65,421,000	65,422,000	65,423,000	65,424,000
65,425,000	65,426,000	65,427,000	65,428,000	65,429,000	65,430,000	65,431,000	65,432,000
65,433,000	65,434,000	65,435,000	65,436,000	65,437,000	65,438,000	65,439,000	65,440,000
65,441,000	65,442,000	65,443,000	65,444,000	65,445,000	65,446,000	65,447,000	65,448,000
65,449,000	65,450,000	65,451,000	65,452,000	65,453,000	65,454,000	65,455,000	65,456,000
65,457,000	65,458,000	65,459,000	65,460,000	65,461,000	65,462,000	65,463,000	65,464,000
65,465,000	65,466,000	65,467,000	65,468,000	65,469,000	65,470,000	65,471,000	65,472,000
65,473,000	65,474,000	65,475,000	65,476,000	65,477,000	65,478,000	65,479,000	65,480,000
65,481,000	65,482,000	65,483,000	65,484,000	65,485,000	65,486,000	65,487,000	65,488,000
65,489,000	65,490,000	65,491,000	65,492,000	65,493,000	65,494,000	65,495,000	65,496,000

Supplemental Figure S8

65,497,000	65,498,000	65,499,000	65,500,000	65,501,000	65,502,000	65,503,000	65,504,000
65,505,000	65,506,000	65,507,000	65,508,000	65,509,000	65,510,000	65,511,000	65,512,000
65,513,000	65,514,000	65,515,000	65,516,000	65,517,000	65,518,000	65,519,000	65,520,000
65,521,000	65,522,000	65,523,000	65,524,000	65,525,000	65,526,000	65,527,000	65,528,000
65,529,000	65,530,000	65,531,000	65,532,000	65,533,000	65,534,000	65,535,000	65,536,000
65,537,000	65,538,000	65,539,000	65,540,000	65,541,000	65,542,000	65,543,000	65,544,000
65,545,000	65,546,000	65,547,000	65,548,000	65,549,000	65,550,000	65,551,000	65,552,000
65,553,000	65,554,000	65,555,000	65,556,000	65,557,000	65,558,000	65,559,000	65,560,000
65,561,000	65,562,000	65,563,000	65,564,000	65,565,000	65,566,000	65,567,000	65,568,000
65,569,000	65,570,000	65,571,000	65,572,000	65,573,000	65,574,000	65,575,000	65,576,000
65,577,000	65,578,000	65,579,000	65,580,000	65,581,000	65,582,000	65,583,000	65,584,000
65,585,000	65,586,000	65,587,000	65,588,000	65,589,000	65,590,000	65,591,000	65,592,000
65,593,000	65,594,000	65,595,000	65,596,000	65,597,000	65,598,000	65,599,000	65,600,000
65,601,000	65,602,000	65,603,000	65,604,000	65,605,000	65,606,000	65,607,000	65,608,000
65,609,000	65,610,000	65,611,000	65,612,000	65,613,000	65,614,000	65,615,000	65,616,000
65,617,000	65,618,000	65,619,000	65,620,000	65,621,000	65,622,000	65,623,000	65,624,000
65,625,000	65,626,000	65,627,000	65,628,000	65,629,000	65,630,000	65,631,000	65,632,000
65,633,000	65,634,000	65,635,000	65,636,000	65,637,000	65,638,000	65,639,000	65,640,000
65,641,000	65,642,000	65,643,000	65,644,000	65,645,000	65,646,000	65,647,000	65,648,000
65,649,000	65,650,000	65,651,000	65,652,000	65,653,000	65,654,000	65,655,000	65,656,000
65,657,000	65,658,000	65,659,000	65,660,000	65,661,000	65,662,000	65,663,000	65,664,000
65,665,000	65,666,000	65,667,000	65,668,000	65,669,000	65,670,000	65,671,000	65,672,000
65,673,000	65,674,000	65,675,000	65,676,000	65,677,000	65,678,000	65,679,000	65,680,000

Supplemental Figure S8

65,681,000	65,682,000	65,683,000	65,684,000	65,685,000	65,686,000	65,687,000	65,688,000
65,689,000	65,690,000	65,691,000	65,692,000	65,693,000	65,694,000	65,695,000	65,696,000
65,697,000	65,698,000	65,699,000	65,700,000	65,701,000	65,702,000	65,703,000	65,704,000
65,705,000	65,706,000	65,707,000	65,708,000	65,709,000	65,710,000	65,711,000	65,712,000
65,713,000	65,714,000	65,715,000	65,716,000	65,717,000	65,718,000	65,719,000	65,720,000
65,721,000	65,722,000	65,723,000	65,724,000	65,725,000	65,726,000	65,727,000	65,728,000
65,729,000	65,730,000	65,731,000	65,732,000	65,733,000	65,734,000	65,735,000	65,736,000
65,737,000	65,738,000	65,739,000	65,740,000	65,741,000	65,742,000	65,743,000	65,744,000
65,745,000	65,746,000	65,747,000	65,748,000	65,749,000	65,750,000	65,751,000	65,752,000
65,753,000	65,754,000	65,755,000	65,756,000	65,757,000	65,758,000	65,759,000	65,760,000
65,761,000	65,762,000	65,763,000	65,764,000	65,765,000	65,766,000	65,767,000	65,768,000
65,769,000	65,770,000	65,771,000	65,772,000	65,773,000	65,774,000	65,775,000	65,776,000
65,777,000	65,778,000	65,779,000	65,780,000	65,781,000	65,782,000	65,783,000	65,784,000
65,785,000	65,786,000	65,787,000	65,788,000	65,789,000	65,790,000	65,791,000	65,792,000
65,793,000	65,794,000	65,795,000	65,796,000	65,797,000	65,798,000	65,799,000	65,800,000
65,801,000	65,802,000	65,803,000	65,804,000	65,805,000	65,806,000	65,807,000	65,808,000
65,809,000	65,810,000	65,811,000	65,812,000	65,813,000	65,814,000	65,815,000	65,816,000
65,817,000	65,818,000	65,819,000	65,820,000	65,821,000	65,822,000	65,823,000	65,824,000
65,825,000	65,826,000	65,827,000	65,828,000	65,829,000	65,830,000	65,831,000	65,832,000
65,833,000	65,834,000	65,835,000	65,836,000	65,837,000	65,838,000	65,839,000	65,840,000
65,841,000	65,842,000	65,843,000	65,844,000	65,845,000	65,846,000	65,847,000	65,848,000
65,849,000	65,850,000	65,851,000	65,852,000	65,853,000	65,854,000	65,855,000	65,856,000
65,857,000	65,858,000	65,859,000	65,860,000	65,861,000	65,862,000	65,863,000	65,864,000

NE



Supplemental Figure S8

65,865,000	65,866,000	65,867,000	65,868,000	65,869,000	65,870,000	65,871,000	65,872,000
65,873,000	65,874,000	65,875,000	65,876,000	65,877,000	65,878,000	65,879,000	65,880,000
65,881,000	65,882,000	65,883,000	65,884,000	65,885,000	65,886,000	65,887,000	65,888,000
65,889,000	65,890,000	65,891,000	65,892,000	65,893,000	65,894,000	65,895,000	65,896,000
65,897,000	65,898,000	65,899,000	65,900,000	65,901,000	65,902,000	65,903,000	65,904,000
65,905,000	65,906,000	65,907,000	65,908,000	65,909,000	65,910,000	65,911,000	65,912,000
65,913,000	65,914,000	65,915,000	65,916,000	65,917,000	65,918,000	65,919,000	65,920,000
65,921,000	65,922,000	65,923,000	65,924,000	65,925,000	65,926,000	65,927,000	65,928,000
65,929,000	65,930,000	65,931,000	65,932,000	65,933,000	65,934,000	65,935,000	65,936,000
65,937,000	65,938,000	65,939,000	65,940,000	65,941,000	65,942,000	65,943,000	65,944,000
65,945,000	65,946,000	65,947,000	65,948,000	65,949,000	65,950,000	65,951,000	65,952,000
65,953,000	65,954,000	65,955,000	65,956,000	65,957,000	65,958,000	65,959,000	65,960,000
65,961,000	65,962,000	65,963,000	65,964,000	65,965,000	65,966,000	65,967,000	65,968,000
65,969,000	65,970,000	65,971,000	65,972,000	65,973,000	65,974,000	65,975,000	65,976,000
65,977,000	65,978,000	65,979,000	65,980,000	65,981,000	65,982,000	65,983,000	65,984,000
65,985,000	65,986,000	65,987,000	65,988,000	65,989,000	65,990,000	65,991,000	65,992,000
65,993,000	65,994,000	65,995,000	65,996,000	65,997,000	65,998,000	65,999,000	66,000,000
66,001,000	66,002,000	66,003,000	66,004,000	66,005,000	66,006,000	66,007,000	66,008,000
66,009,000	66,010,000	66,011,000	66,012,000	66,013,000	66,014,000	66,015,000	66,016,000
66,017,000	66,018,000	66,019,000	66,020,000	66,021,000	66,022,000	66,023,000	66,024,000
66,025,000	66,026,000	66,027,000	66,028,000	66,029,000	66,030,000	66,031,000	66,032,000
66,033,000	66,034,000	66,035,000	66,036,000	66,037,000	66,038,000	66,039,000	66,040,000
66,041,000	66,042,000	66,043,000	66,044,000	66,045,000	66,046,000	66,047,000	66,048,000

Supplemental Figure S8

66,049,000	66,050,000	66,051,000	66,052,000	66,053,000	66,054,000	66,055,000	66,056,000
66,057,000	66,058,000	66,059,000	66,060,000	66,061,000	66,062,000	66,063,000	66,064,000
66,065,000	66,066,000	66,067,000	66,068,000	66,069,000	66,070,000	66,071,000	66,072,000
66,073,000	66,074,000	66,075,000	66,076,000	66,077,000	66,078,000	66,079,000	66,080,000
66,081,000	66,082,000	66,083,000	66,084,000	66,085,000	66,086,000	66,087,000	66,088,000
66,089,000	66,090,000	66,091,000	66,092,000	66,093,000	66,094,000	66,095,000	66,096,000
66,097,000	66,098,000	66,099,000	66,100,000	66,101,000	66,102,000	66,103,000	66,104,000
66,105,000	66,106,000	66,107,000	66,108,000	66,109,000	66,110,000	66,111,000	66,112,000
66,113,000	66,114,000	66,115,000	66,116,000	66,117,000	66,118,000	66,119,000	66,120,000
66,121,000	66,122,000	66,123,000	66,124,000	66,125,000	66,126,000	66,127,000	66,128,000
66,129,000	66,130,000	66,131,000	66,132,000	66,133,000	66,134,000	66,135,000	66,136,000
66,137,000	66,138,000	66,139,000	66,140,000	66,141,000	66,142,000	66,143,000	66,144,000
66,145,000	66,146,000	66,147,000	66,148,000	66,149,000	66,150,000	66,151,000	66,152,000
66,153,000	66,154,000	66,155,000	66,156,000	66,157,000	66,158,000	66,159,000	66,160,000
66,161,000	66,162,000	66,163,000	66,164,000	66,165,000	66,166,000	66,167,000	66,168,000
66,169,000	66,170,000	66,171,000	66,172,000	66,173,000	66,174,000	66,175,000	66,176,000
66,177,000	66,178,000	66,179,000	66,180,000	66,181,000	66,182,000	66,183,000	66,184,000
66,185,000	66,186,000	66,187,000	66,188,000	66,189,000	66,190,000	66,191,000	66,192,000
66,193,000	66,194,000	66,195,000	66,196,000	66,197,000	66,198,000	66,199,000	66,200,000
66,201,000	66,202,000	66,203,000	66,204,000	66,205,000	66,206,000	66,207,000	66,208,000
66,209,000	66,210,000	66,211,000	66,212,000	66,213,000	66,214,000	66,215,000	66,216,000
66,217,000	66,218,000	66,219,000	66,220,000	66,221,000	66,222,000	66,223,000	66,224,000
66,225,000	66,226,000	66,227,000	66,228,000	66,229,000	66,230,000	66,231,000	66,232,000

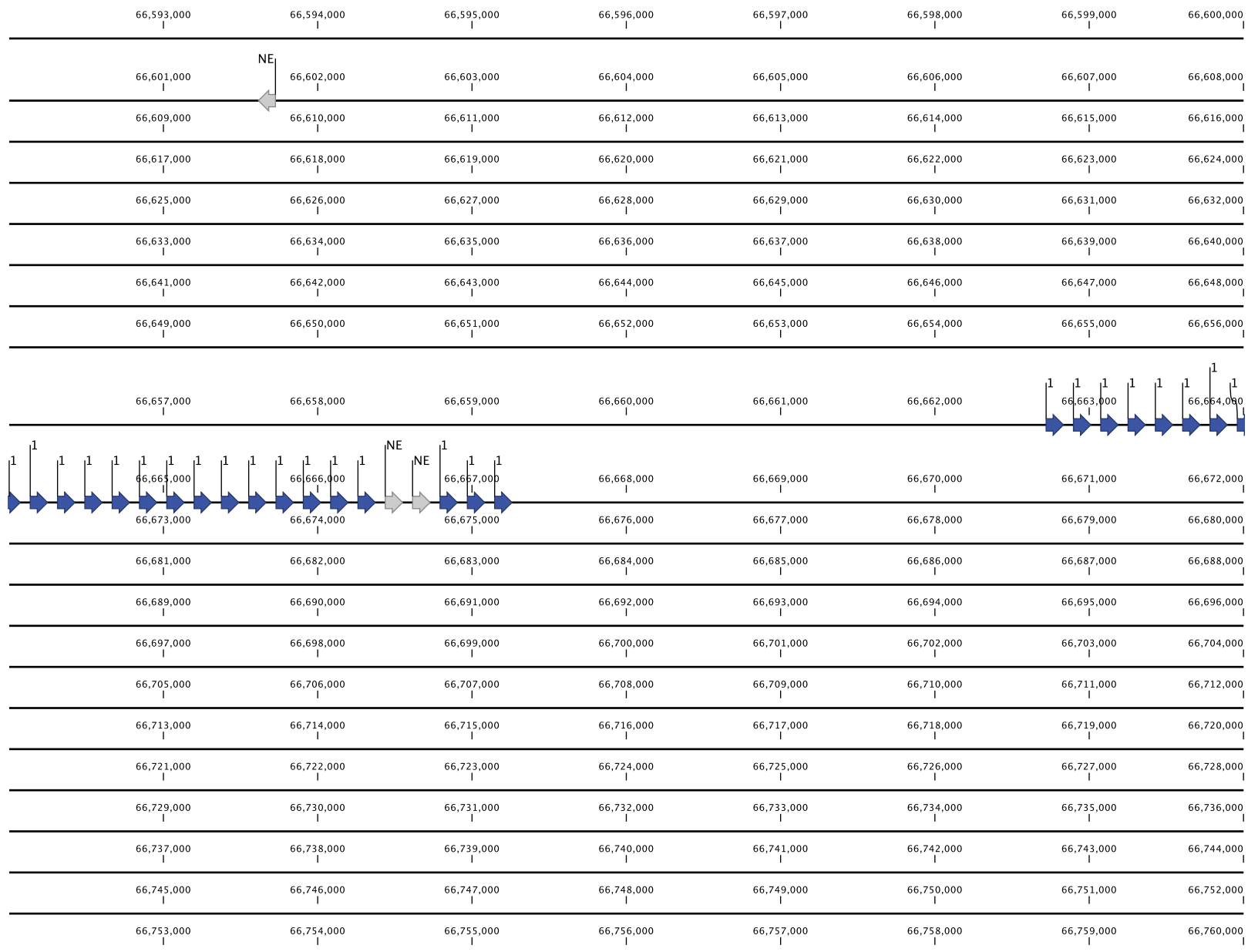
Supplemental Figure S8

66,233,000	66,234,000	66,235,000	66,236,000	66,237,000	66,238,000	66,239,000	66,240,000
66,241,000	66,242,000	66,243,000	66,244,000	66,245,000	66,246,000	66,247,000	66,248,000
66,249,000	66,250,000	66,251,000	66,252,000	66,253,000	66,254,000	66,255,000	66,256,000
66,257,000	66,258,000	66,259,000	66,260,000	66,261,000	66,262,000	66,263,000	66,264,000
66,265,000	66,266,000	66,267,000	66,268,000	66,269,000	66,270,000	66,271,000	66,272,000
66,273,000	66,274,000	66,275,000	66,276,000	NE 66,277,000	66,278,000	66,279,000	NE 66,280,000
66,281,000	66,282,000	66,283,000	66,284,000	66,285,000	66,286,000	66,287,000	66,288,000
66,289,000	66,290,000	66,291,000	66,292,000	66,293,000	66,294,000	66,295,000	66,296,000
66,297,000	66,298,000	66,299,000	66,300,000	66,301,000	66,302,000	66,303,000	66,304,000
66,305,000	66,306,000	66,307,000	66,308,000	66,309,000	66,310,000	66,311,000	66,312,000
66,313,000	66,314,000	66,315,000	66,316,000	66,317,000	66,318,000	66,319,000	66,320,000
66,321,000	66,322,000	66,323,000	66,324,000	66,325,000	66,326,000	66,327,000	66,328,000
66,329,000	66,330,000	66,331,000	66,332,000	66,333,000	66,334,000	66,335,000	66,336,000
66,337,000	66,338,000	66,339,000	66,340,000	66,341,000	66,342,000	66,343,000	66,344,000
66,345,000	66,346,000	66,347,000	66,348,000	66,349,000	66,350,000	66,351,000	66,352,000
66,353,000	66,354,000	66,355,000	66,356,000	66,357,000	66,358,000	66,359,000	66,360,000
66,361,000	66,362,000	66,363,000	66,364,000	66,365,000	66,366,000	66,367,000	66,368,000
66,369,000	66,370,000	66,371,000	66,372,000	66,373,000	66,374,000	66,375,000	66,376,000
66,377,000	66,378,000	66,379,000	66,380,000	66,381,000	66,382,000	66,383,000	66,384,000
66,385,000	66,386,000	66,387,000	66,388,000	66,389,000	66,390,000	66,391,000	66,392,000
66,393,000	66,394,000	66,395,000	66,396,000	66,397,000	66,398,000	66,399,000	66,400,000
66,401,000	66,402,000	66,403,000	66,404,000	66,405,000	66,406,000	66,407,000	66,408,000

Supplemental Figure S8

66,409,000	66,410,000	66,411,000	66,412,000	66,413,000	66,414,000	66,415,000	66,416,000
66,417,000	66,418,000	66,419,000	66,420,000	66,421,000	66,422,000	66,423,000	66,424,000
66,425,000	66,426,000	66,427,000	66,428,000	66,429,000	66,430,000	66,431,000	66,432,000
66,433,000	66,434,000	66,435,000	66,436,000	66,437,000	66,438,000	66,439,000	66,440,000
66,441,000	66,442,000	66,443,000	66,444,000	66,445,000	66,446,000	66,447,000	66,448,000
66,449,000	66,450,000	66,451,000	66,452,000	66,453,000	66,454,000	66,455,000	66,456,000
66,457,000	66,458,000	66,459,000	66,460,000	66,461,000	66,462,000	66,463,000	66,464,000
66,465,000	66,466,000	66,467,000	66,468,000	66,469,000	66,470,000	66,471,000	66,472,000
66,473,000	66,474,000	66,475,000	66,476,000	66,477,000	66,478,000	66,479,000	66,480,000
66,481,000	66,482,000	66,483,000	66,484,000	66,485,000	66,486,000	66,487,000	66,488,000
66,489,000	66,490,000	66,491,000	66,492,000	66,493,000	66,494,000	66,495,000	66,496,000
66,497,000	66,498,000	66,499,000	66,500,000	66,501,000	66,502,000	66,503,000	66,504,000
66,505,000	66,506,000	66,507,000	66,508,000	66,509,000	66,510,000	66,511,000	66,512,000
66,513,000	66,514,000	66,515,000	66,516,000	66,517,000	66,518,000	66,519,000	66,520,000
66,521,000	66,522,000	66,523,000	66,524,000	66,525,000	66,526,000	66,527,000	66,528,000
66,529,000	66,530,000	66,531,000	66,532,000	66,533,000	66,534,000	66,535,000	66,536,000
66,537,000	66,538,000	66,539,000	66,540,000	66,541,000	66,542,000	66,543,000	66,544,000
66,545,000	66,546,000	66,547,000	66,548,000	66,549,000	66,550,000	66,551,000	66,552,000
66,553,000	66,554,000	66,555,000	66,556,000	66,557,000	66,558,000	66,559,000	66,560,000
66,561,000	66,562,000	66,563,000	66,564,000	66,565,000	66,566,000	66,567,000	66,568,000
66,569,000	66,570,000	66,571,000	66,572,000	66,573,000	66,574,000	66,575,000	66,576,000
66,577,000	66,578,000	66,579,000	66,580,000	66,581,000	66,582,000	66,583,000	66,584,000
66,585,000	66,586,000	66,587,000	66,588,000	66,589,000	66,590,000	66,591,000	66,592,000

Supplemental Figure S8



Supplemental Figure S8

66,761,000	66,762,000	66,763,000	66,764,000	66,765,000	66,766,000	66,767,000	66,768,000
66,769,000	66,770,000	66,771,000	66,772,000	66,773,000	66,774,000	66,775,000	66,776,000
66,777,000	66,778,000	66,779,000	66,780,000	66,781,000	66,782,000	66,783,000	66,784,000
66,785,000	66,786,000	66,787,000	66,788,000	66,789,000	66,790,000	66,791,000	66,792,000
66,793,000	66,794,000	66,795,000	66,796,000	66,797,000	66,798,000	66,799,000	66,800,000
66,801,000	66,802,000	66,803,000	66,804,000	66,805,000	66,806,000	66,807,000	66,808,000
66,809,000	66,810,000	66,811,000	66,812,000	66,813,000	66,814,000	66,815,000	66,816,000
66,817,000	66,818,000	66,819,000	66,820,000	66,821,000	66,822,000	66,823,000	66,824,000
66,825,000	66,826,000	66,827,000	66,828,000	66,829,000	66,830,000	66,831,000	66,832,000
66,833,000	66,834,000	66,835,000	66,836,000	66,837,000	66,838,000	66,839,000	66,840,000
66,841,000	66,842,000	66,843,000	66,844,000	66,845,000	66,846,000	66,847,000	66,848,000
66,849,000	66,850,000	66,851,000	66,852,000	66,853,000	66,854,000	66,855,000	66,856,000
66,857,000	66,858,000	66,859,000	66,860,000	66,861,000	66,862,000	66,863,000	66,864,000
66,865,000	66,866,000	66,867,000	66,868,000	66,869,000	66,870,000	66,871,000	66,872,000
66,873,000	66,874,000	66,875,000	66,876,000	66,877,000	66,878,000	66,879,000	66,880,000
66,881,000	66,882,000	66,883,000	66,884,000	66,885,000	66,886,000	66,887,000	66,888,000
66,889,000	66,890,000	66,891,000	66,892,000	66,893,000	66,894,000	66,895,000	66,896,000
66,897,000	66,898,000	66,899,000	66,900,000	66,901,000	66,902,000	66,903,000	66,904,000
66,905,000	66,906,000	66,907,000	66,908,000	66,909,000	66,910,000	66,911,000	66,912,000
66,913,000	66,914,000	66,915,000	66,916,000	66,917,000	66,918,000	66,919,000	66,920,000
66,921,000	66,922,000	66,923,000	66,924,000	66,925,000	66,926,000	66,927,000	66,928,000
66,929,000	66,930,000	66,931,000	66,932,000	66,933,000	66,934,000	66,935,000	66,936,000

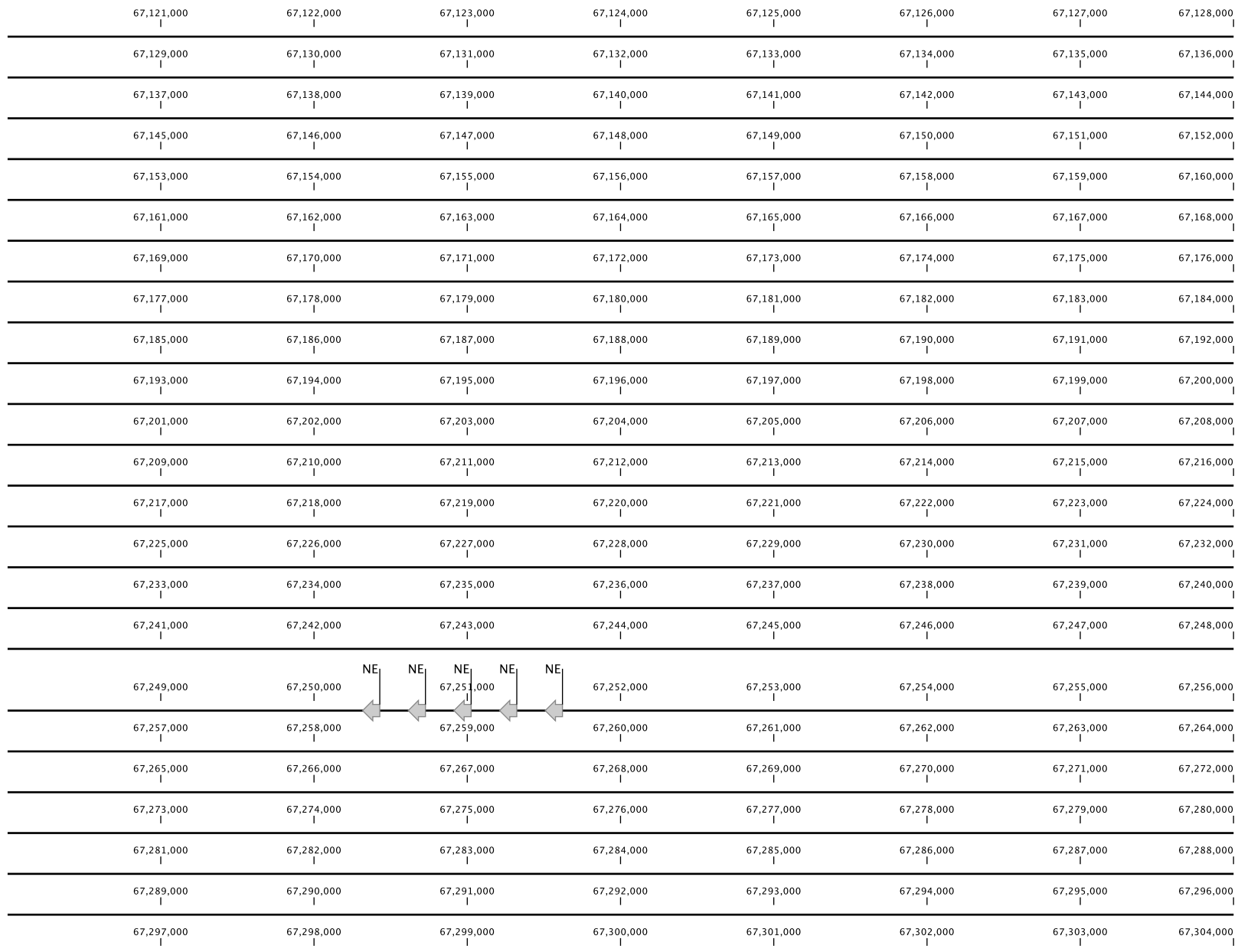
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Supplemental Figure S8

66,937,000	66,938,000	66,939,000	66,940,000	66,941,000	66,942,000	66,943,000	66,944,000
66,945,000	66,946,000	66,947,000	66,948,000	66,949,000	66,950,000	66,951,000	66,952,000
66,953,000	66,954,000	66,955,000	66,956,000	66,957,000	66,958,000	66,959,000	66,960,000
66,961,000	66,962,000	66,963,000	66,964,000	66,965,000	66,966,000	66,967,000	66,968,000
66,969,000	66,970,000	66,971,000	66,972,000	66,973,000	66,974,000	66,975,000	66,976,000
66,977,000	66,978,000	66,979,000	66,980,000	66,981,000	66,982,000	66,983,000	66,984,000
66,985,000	66,986,000	66,987,000	66,988,000	66,989,000	66,990,000	66,991,000	66,992,000
66,993,000	66,994,000	66,995,000	66,996,000	66,997,000	66,998,000	66,999,000	67,000,000
67,001,000	67,002,000	67,003,000	67,004,000	67,005,000	67,006,000	67,007,000	67,008,000
67,009,000	67,010,000	67,011,000	67,012,000	67,013,000	67,014,000	67,015,000	67,016,000
67,017,000	67,018,000	67,019,000	67,020,000	67,021,000	67,022,000	67,023,000	67,024,000
67,025,000	67,026,000	67,027,000	67,028,000	67,029,000	67,030,000	67,031,000	67,032,000
67,033,000	67,034,000	67,035,000	67,036,000	67,037,000	67,038,000	67,039,000	67,040,000
67,041,000	67,042,000	67,043,000	67,044,000	67,045,000	67,046,000	67,047,000	67,048,000
67,049,000	67,050,000	67,051,000	67,052,000	67,053,000	67,054,000	67,055,000	67,056,000
67,057,000	67,058,000	67,059,000	67,060,000	67,061,000	67,062,000	67,063,000	67,064,000
67,065,000	67,066,000	67,067,000	67,068,000	67,069,000	67,070,000	67,071,000	67,072,000
67,073,000	67,074,000	67,075,000	67,076,000	67,077,000	67,078,000	67,079,000	67,080,000
67,081,000	67,082,000	67,083,000	67,084,000	67,085,000	67,086,000	67,087,000	67,088,000
67,089,000	67,090,000	67,091,000	67,092,000	67,093,000	67,094,000	67,095,000	67,096,000
67,097,000	67,098,000	67,099,000	67,100,000	67,101,000	67,102,000	67,103,000	67,104,000
67,105,000	67,106,000	67,107,000	67,108,000	67,109,000	67,110,000	67,111,000	67,112,000
67,113,000	67,114,000	67,115,000	67,116,000	67,117,000	67,118,000	67,119,000	67,120,000

Supplemental Figure S8



Supplemental Figure S8

67,305,000	67,306,000	67,307,000	67,308,000	67,309,000	67,310,000	67,311,000	67,312,000
67,313,000	67,314,000	67,315,000	67,316,000	67,317,000	67,318,000	67,319,000	67,320,000
67,321,000	67,322,000	67,323,000	67,324,000	67,325,000	67,326,000	67,327,000	67,328,000
67,329,000	67,330,000	67,331,000	67,332,000	67,333,000	67,334,000	67,335,000	67,336,000
67,337,000	67,338,000	67,339,000	67,340,000	67,341,000	67,342,000	67,343,000	67,344,000
67,345,000	67,346,000	67,347,000	67,348,000	67,349,000	67,350,000	67,351,000	67,352,000
67,353,000	67,354,000	67,355,000	67,356,000	67,357,000	67,358,000	67,359,000	67,360,000
67,361,000	67,362,000	67,363,000	67,364,000	67,365,000	67,366,000	67,367,000	67,368,000
67,369,000	67,370,000	67,371,000	67,372,000	67,373,000	67,374,000	67,375,000	67,376,000
67,377,000	67,378,000	67,379,000	67,380,000	67,381,000	67,382,000	67,383,000	67,384,000
67,385,000	67,386,000	67,387,000	67,388,000	67,389,000	67,390,000	67,391,000	67,392,000
67,393,000	67,394,000	67,395,000	67,396,000	67,397,000	67,398,000	67,399,000	67,400,000
67,401,000	67,402,000	67,403,000	67,404,000	67,405,000	67,406,000	67,407,000	67,408,000
67,409,000	67,410,000	67,411,000	67,412,000	67,413,000	67,414,000	67,415,000	67,416,000
67,417,000	67,418,000	67,419,000	67,420,000	67,421,000	67,422,000	67,423,000	67,424,000
67,425,000	67,426,000	67,427,000	67,428,000	67,429,000	67,430,000	67,431,000	67,432,000
67,433,000	67,434,000	67,435,000	67,436,000	67,437,000	67,438,000	67,439,000	67,440,000
67,441,000	67,442,000	67,443,000	67,444,000	67,445,000	67,446,000	67,447,000	67,448,000
67,449,000	67,450,000	67,451,000	67,452,000	67,453,000	67,454,000	67,455,000	67,456,000
67,457,000	67,458,000	67,459,000	67,460,000	67,461,000	67,462,000	67,463,000	67,464,000
67,465,000	67,466,000	67,467,000	67,468,000	67,469,000	67,470,000	67,471,000	67,472,000
67,473,000	67,474,000	67,475,000	67,476,000	67,477,000	67,478,000	67,479,000	67,480,000
67,481,000	67,482,000	67,483,000	67,484,000	67,485,000	67,486,000	67,487,000	67,488,000

Supplemental Figure S8

67,489,000	67,490,000	67,491,000	67,492,000	67,493,000	67,494,000	67,495,000	67,496,000
67,497,000	67,498,000	67,499,000	67,500,000	67,501,000	67,502,000	67,503,000	67,504,000
67,505,000	67,506,000	67,507,000	67,508,000	67,509,000	67,510,000	67,511,000	67,512,000
67,513,000	67,514,000	67,515,000	67,516,000	67,517,000	67,518,000	67,519,000	67,520,000
67,521,000	67,522,000	67,523,000	67,524,000	67,525,000	67,526,000	67,527,000	67,528,000
67,529,000	67,530,000	67,531,000	67,532,000	67,533,000	67,534,000	67,535,000	67,536,000
67,537,000	67,538,000	67,539,000	67,540,000	67,541,000	67,542,000	67,543,000	67,544,000
67,545,000	67,546,000	67,547,000	67,548,000	67,549,000	67,550,000	67,551,000	67,552,000
67,553,000	67,554,000	67,555,000	67,556,000	67,557,000	67,558,000	67,559,000	67,560,000
67,561,000	67,562,000	67,563,000	67,564,000	67,565,000	67,566,000	67,567,000	67,568,000
67,569,000	67,570,000	67,571,000	67,572,000	67,573,000	67,574,000	67,575,000	67,576,000
67,577,000	67,578,000	67,579,000	67,580,000	67,581,000	67,582,000	67,583,000	67,584,000
67,585,000	67,586,000	67,587,000	67,588,000	67,589,000	67,590,000	67,591,000	67,592,000
67,593,000	67,594,000	67,595,000	67,596,000	67,597,000	67,598,000	67,599,000	67,600,000
67,601,000	67,602,000	67,603,000	67,604,000	67,605,000	67,606,000	67,607,000	67,608,000
67,609,000	67,610,000	67,611,000	67,612,000	67,613,000	67,614,000	67,615,000	67,616,000
67,617,000	67,618,000	67,619,000	67,620,000	67,621,000	67,622,000	67,623,000	67,624,000
67,625,000	67,626,000	67,627,000	67,628,000	67,629,000	67,630,000	67,631,000	67,632,000
67,633,000	67,634,000	67,635,000	67,636,000	67,637,000	67,638,000	67,639,000	67,640,000
67,641,000	67,642,000	67,643,000	67,644,000	67,645,000	67,646,000	67,647,000	67,648,000
67,649,000	67,650,000	67,651,000	67,652,000	67,653,000	67,654,000	67,655,000	67,656,000
67,657,000	67,658,000	67,659,000	67,660,000	67,661,000	67,662,000	67,663,000	67,664,000
67,665,000	67,666,000	67,667,000	67,668,000	67,669,000	67,670,000	67,671,000	67,672,000

Supplemental Figure S8

67,673,000	67,674,000	67,675,000	67,676,000	67,677,000	67,678,000	67,679,000	67,680,000
67,681,000	67,682,000	67,683,000	67,684,000	67,685,000	67,686,000	67,687,000	67,688,000
67,689,000	67,690,000	67,691,000	67,692,000	67,693,000	67,694,000	67,695,000	67,696,000
67,697,000	67,698,000	67,699,000	67,700,000	67,701,000	67,702,000	67,703,000	67,704,000
67,705,000	67,706,000	67,707,000	67,708,000	67,709,000	67,710,000	67,711,000	67,712,000
67,713,000	67,714,000	67,715,000	67,716,000	67,717,000	67,718,000	67,719,000	67,720,000
67,721,000	67,722,000	67,723,000	67,724,000	67,725,000	67,726,000	67,727,000	67,728,000
67,729,000	67,730,000	67,731,000	67,732,000	67,733,000	67,734,000	67,735,000	67,736,000
67,737,000	67,738,000	67,739,000	67,740,000	67,741,000	67,742,000	67,743,000	67,744,000
67,745,000	67,746,000	67,747,000	67,748,000	67,749,000	67,750,000	67,751,000	67,752,000
67,753,000	67,754,000	67,755,000	67,756,000	67,757,000	67,758,000	67,759,000	67,760,000
67,761,000	67,762,000	67,763,000	67,764,000	67,765,000	67,766,000	67,767,000	67,768,000
67,769,000	67,770,000	67,771,000	67,772,000	67,773,000	67,774,000	67,775,000	67,776,000
67,777,000	67,778,000	67,779,000	67,780,000	67,781,000	67,782,000	67,783,000	67,784,000
67,785,000	67,786,000	67,787,000	67,788,000	67,789,000	67,790,000	67,791,000	67,792,000
67,793,000	67,794,000	67,795,000	67,796,000	67,797,000	67,798,000	67,799,000	67,800,000
67,801,000	67,802,000	67,803,000	67,804,000	67,805,000	67,806,000	67,807,000	67,808,000
67,809,000	67,810,000	67,811,000	67,812,000	67,813,000	67,814,000	67,815,000	67,816,000
67,817,000	67,818,000	67,819,000	67,820,000	67,821,000	67,822,000	67,823,000	67,824,000
67,825,000	67,826,000	67,827,000	67,828,000	67,829,000	67,830,000	67,831,000	67,832,000
67,833,000	67,834,000	67,835,000	67,836,000	67,837,000	67,838,000	67,839,000	67,840,000
67,841,000	67,842,000	67,843,000	67,844,000	67,845,000	67,846,000	67,847,000	67,848,000
67,849,000	67,850,000	67,851,000	67,852,000	67,853,000	67,854,000	67,855,000	67,856,000

Supplemental Figure S8

67,857,000	67,858,000	67,859,000	67,860,000	67,861,000	67,862,000	67,863,000	67,864,000
67,865,000	67,866,000	67,867,000	67,868,000	67,869,000	67,870,000	67,871,000	67,872,000
67,873,000	67,874,000	67,875,000	67,876,000	67,877,000	67,878,000	67,879,000	67,880,000
67,881,000	67,882,000	67,883,000	67,884,000	67,885,000	67,886,000	67,887,000	67,888,000
67,889,000	67,890,000	67,891,000	67,892,000	67,893,000	67,894,000	67,895,000	67,896,000
67,897,000	67,898,000	67,899,000	67,900,000	67,901,000	67,902,000	67,903,000	67,904,000
67,905,000	67,906,000	67,907,000	67,908,000	67,909,000	67,910,000	67,911,000	67,912,000
67,913,000	67,914,000	67,915,000	67,916,000	67,917,000	67,918,000	67,919,000	67,920,000
67,921,000	67,922,000	67,923,000	67,924,000	67,925,000	67,926,000	67,927,000	67,928,000
67,929,000	67,930,000	67,931,000	67,932,000	67,933,000	67,934,000	67,935,000	67,936,000
67,937,000	67,938,000	67,939,000	67,940,000	67,941,000	67,942,000	67,943,000	67,944,000
67,945,000	67,946,000	67,947,000	67,948,000	67,949,000	67,950,000	67,951,000	67,952,000
67,953,000	67,954,000	67,955,000	67,956,000	67,957,000	67,958,000	67,959,000	67,960,000
67,961,000	67,962,000	67,963,000	67,964,000	67,965,000	67,966,000	67,967,000	67,968,000
67,969,000	67,970,000	67,971,000	67,972,000	67,973,000	67,974,000	67,975,000	67,976,000
67,977,000	67,978,000	67,979,000	67,980,000	67,981,000	67,982,000	67,983,000	67,984,000
67,985,000	67,986,000	67,987,000	67,988,000	67,989,000	67,990,000	67,991,000	67,992,000
67,993,000	67,994,000	67,995,000	67,996,000	67,997,000	67,998,000	67,999,000	68,000,000
68,001,000	68,002,000	68,003,000	68,004,000	68,005,000	68,006,000	68,007,000	68,008,000
68,009,000	68,010,000	68,011,000	68,012,000	68,013,000	68,014,000	68,015,000	68,016,000
68,017,000	68,018,000	68,019,000	68,020,000	68,021,000	68,022,000	68,023,000	68,024,000
68,025,000	68,026,000	68,027,000	68,028,000	68,029,000	68,030,000	68,031,000	68,032,000
68,033,000	68,034,000	68,035,000	68,036,000	68,037,000	68,038,000	68,039,000	68,040,000

Supplemental Figure S8

68,041,000	68,042,000	68,043,000	68,044,000	68,045,000	68,046,000	68,047,000	68,048,000
68,049,000	68,050,000	68,051,000	68,052,000	68,053,000	68,054,000	68,055,000	68,056,000
68,057,000	68,058,000	68,059,000	68,060,000	68,061,000	68,062,000	68,063,000	68,064,000
68,065,000	68,066,000	68,067,000	68,068,000	68,069,000	68,070,000	68,071,000	68,072,000
68,073,000	68,074,000	68,075,000	68,076,000	68,077,000	68,078,000	68,079,000	68,080,000
68,081,000	68,082,000	68,083,000	68,084,000	68,085,000	68,086,000	68,087,000	68,088,000
68,089,000	68,090,000	68,091,000	68,092,000	68,093,000	68,094,000	68,095,000	68,096,000
68,097,000	68,098,000	68,099,000	68,100,000	68,101,000	68,102,000	68,103,000	68,104,000
68,105,000	68,106,000	68,107,000	68,108,000	68,109,000	68,110,000	68,111,000	68,112,000
68,113,000	68,114,000	68,115,000	68,116,000	68,117,000	68,118,000	68,119,000	68,120,000
68,121,000	68,122,000	68,123,000	68,124,000	68,125,000	68,126,000	68,127,000	68,128,000
68,129,000	68,130,000	68,131,000	68,132,000	68,133,000	68,134,000	68,135,000	68,136,000
68,137,000	68,138,000	68,139,000	68,140,000	68,141,000	68,142,000	68,143,000	68,144,000
68,145,000	68,146,000	68,147,000	68,148,000	68,149,000	68,150,000	68,151,000	68,152,000
68,153,000	68,154,000	68,155,000	68,156,000	68,157,000	68,158,000	68,159,000	68,160,000
68,161,000	68,162,000	68,163,000	68,164,000	68,165,000	68,166,000	68,167,000	68,168,000
68,169,000	68,170,000	68,171,000	68,172,000	68,173,000	68,174,000	68,175,000	68,176,000
68,177,000	68,178,000	68,179,000	68,180,000	68,181,000	68,182,000	68,183,000	68,184,000
68,185,000	68,186,000	68,187,000	68,188,000	68,189,000	68,190,000	68,191,000	68,192,000
68,193,000	68,194,000	68,195,000	68,196,000	68,197,000	68,198,000	68,199,000	68,200,000
68,201,000	68,202,000	68,203,000	68,204,000	68,205,000	68,206,000	68,207,000	68,208,000
68,209,000	68,210,000	68,211,000	68,212,000	68,213,000	68,214,000	68,215,000	68,216,000
68,217,000	68,218,000	68,219,000	68,220,000	68,221,000	68,222,000	68,223,000	68,224,000

Supplemental Figure S8

68,225,000	68,226,000	68,227,000	68,228,000	68,229,000	68,230,000	68,231,000	68,232,000
68,233,000	68,234,000	68,235,000	68,236,000	68,237,000	68,238,000	68,239,000	68,240,000
68,241,000	68,242,000	68,243,000	68,244,000	68,245,000	68,246,000	68,247,000	68,248,000
68,249,000	68,250,000	68,251,000	68,252,000	68,253,000	68,254,000	68,255,000	68,256,000
68,257,000	68,258,000	68,259,000	68,260,000	68,261,000	68,262,000	68,263,000	68,264,000
68,265,000	68,266,000	68,267,000	68,268,000	68,269,000	68,270,000	68,271,000	68,272,000
68,273,000	68,274,000	68,275,000	68,276,000	68,277,000	68,278,000	68,279,000	68,280,000
68,281,000	68,282,000	68,283,000	68,284,000	68,285,000	68,286,000	68,287,000	68,288,000
68,289,000	68,290,000	68,291,000	68,292,000	68,293,000	68,294,000	68,295,000	68,296,000
68,297,000	68,298,000	68,299,000	68,300,000	68,301,000	68,302,000	68,303,000	68,304,000
68,305,000	68,306,000	68,307,000	68,308,000	68,309,000	68,310,000	68,311,000	68,312,000
68,313,000	68,314,000	68,315,000	68,316,000	68,317,000	68,318,000	68,319,000	68,320,000
68,321,000	68,322,000	68,323,000	68,324,000	68,325,000	68,326,000	68,327,000	68,328,000
68,329,000	68,330,000	68,331,000	68,332,000	68,333,000	68,334,000	68,335,000	68,336,000
68,337,000	68,338,000	68,339,000	68,340,000	68,341,000	68,342,000	68,343,000	68,344,000
68,345,000	68,346,000	68,347,000	68,348,000	68,349,000	68,350,000	68,351,000	68,352,000
68,353,000	68,354,000	68,355,000	68,356,000	68,357,000	68,358,000	68,359,000	68,360,000
68,361,000	68,362,000	68,363,000	68,364,000	68,365,000	68,366,000	68,367,000	68,368,000
68,369,000	68,370,000	68,371,000	68,372,000	68,373,000	68,374,000	68,375,000	68,376,000
68,377,000	68,378,000	68,379,000	68,380,000	68,381,000	68,382,000	68,383,000	68,384,000
68,385,000	68,386,000	68,387,000	68,388,000	68,389,000	68,390,000	68,391,000	68,392,000
68,393,000	68,394,000	68,395,000	68,396,000	68,397,000	68,398,000	68,399,000	68,400,000

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Supplemental Figure S8

68,401,000	68,402,000	68,403,000	68,404,000	68,405,000	68,406,000	68,407,000	68,408,000
68,409,000	68,410,000	68,411,000	68,412,000	68,413,000	68,414,000	68,415,000	68,416,000
68,417,000	68,418,000	68,419,000	68,420,000	68,421,000	68,422,000	68,423,000	68,424,000
68,425,000	68,426,000	68,427,000	68,428,000	68,429,000	68,430,000	68,431,000	68,432,000
68,433,000	68,434,000	68,435,000	68,436,000	68,437,000	68,438,000	68,439,000	68,440,000
68,441,000	68,442,000	68,443,000	68,444,000	68,445,000	68,446,000	68,447,000	68,448,000
68,449,000	68,450,000	68,451,000	68,452,000	68,453,000	68,454,000	68,455,000	68,456,000
68,457,000	68,458,000	68,459,000	68,460,000	68,461,000	68,462,000	68,463,000	68,464,000
68,465,000	68,466,000	68,467,000	68,468,000	68,469,000	68,470,000	68,471,000	68,472,000
68,473,000	68,474,000	68,475,000	68,476,000	68,477,000	68,478,000	68,479,000	68,480,000
68,481,000	68,482,000	68,483,000	68,484,000	68,485,000	68,486,000	68,487,000	68,488,000
68,489,000	68,490,000	68,491,000	68,492,000	68,493,000	68,494,000	68,495,000	68,496,000
68,497,000	68,498,000	68,499,000	68,500,000	68,501,000	68,502,000	68,503,000	68,504,000
68,505,000	68,506,000	68,507,000	68,508,000	68,509,000	68,510,000	68,511,000	68,512,000
68,513,000	68,514,000	68,515,000	68,516,000	68,517,000	68,518,000	68,519,000	68,520,000
68,521,000	68,522,000	68,523,000	68,524,000	68,525,000	68,526,000	68,527,000	68,528,000
68,529,000	68,530,000	68,531,000	68,532,000	68,533,000	68,534,000	68,535,000	68,536,000
68,537,000	68,538,000	68,539,000	68,540,000	68,541,000	68,542,000	68,543,000	68,544,000
68,545,000	68,546,000	68,547,000	68,548,000	68,549,000	68,550,000	68,551,000	68,552,000
68,553,000	68,554,000	68,555,000	68,556,000	68,557,000	68,558,000	68,559,000	68,560,000
68,561,000	68,562,000	68,563,000	68,564,000	68,565,000	68,566,000	68,567,000	68,568,000
68,569,000	68,570,000	68,571,000	68,572,000	68,573,000	68,574,000	68,575,000	68,576,000
68,577,000	68,578,000	68,579,000	68,580,000	68,581,000	68,582,000	68,583,000	68,584,000

Supplemental Figure S8

68,585,000	68,586,000	68,587,000	68,588,000	68,589,000	68,590,000	68,591,000	68,592,000
68,593,000	68,594,000	68,595,000	68,596,000	68,597,000	68,598,000	68,599,000	68,600,000
68,601,000	68,602,000	68,603,000	68,604,000	68,605,000	68,606,000	68,607,000	68,608,000
68,609,000	68,610,000	68,611,000	68,612,000	68,613,000	68,614,000	68,615,000	68,616,000
68,617,000	68,618,000	68,619,000	68,620,000	68,621,000	68,622,000	68,623,000	68,624,000
68,625,000	68,626,000	68,627,000	68,628,000	68,629,000	68,630,000	68,631,000	68,632,000
68,633,000	68,634,000	68,635,000	68,636,000	68,637,000	68,638,000	68,639,000	68,640,000
68,641,000	68,642,000	68,643,000	68,644,000	68,645,000	68,646,000	68,647,000	68,648,000
68,649,000	68,650,000	68,651,000	68,652,000	68,653,000	68,654,000	68,655,000	68,656,000
68,657,000	68,658,000	68,659,000	68,660,000	68,661,000	68,662,000	68,663,000	68,664,000
68,665,000	68,666,000	68,667,000	68,668,000	68,669,000	68,670,000	68,671,000	68,672,000
68,673,000	68,674,000	68,675,000	68,676,000	68,677,000	68,678,000	68,679,000	68,680,000
68,681,000	68,682,000	68,683,000	68,684,000	68,685,000	68,686,000	68,687,000	68,688,000
68,689,000	68,690,000	68,691,000	68,692,000	68,693,000	68,694,000	68,695,000	68,696,000
68,697,000	68,698,000	68,699,000	68,700,000	68,701,000	68,702,000	68,703,000	68,704,000
68,705,000	68,706,000	68,707,000	68,708,000	68,709,000	68,710,000	68,711,000	68,712,000
68,713,000	68,714,000	68,715,000	68,716,000	68,717,000	68,718,000	68,719,000	68,720,000
68,721,000	68,722,000	68,723,000	68,724,000	68,725,000	68,726,000	68,727,000	68,728,000
68,729,000	68,730,000	68,731,000	68,732,000	68,733,000	68,734,000	68,735,000	68,736,000
68,737,000	68,738,000	68,739,000	68,740,000	68,741,000	68,742,000	68,743,000	68,744,000
68,745,000	68,746,000	68,747,000	68,748,000	68,749,000	68,750,000	68,751,000	68,752,000
68,753,000	68,754,000	68,755,000	68,756,000	68,757,000	68,758,000	68,759,000	68,760,000
68,761,000	68,762,000	68,763,000	68,764,000	68,765,000	68,766,000	68,767,000	68,768,000

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Supplemental Figure S8

68,769,000	68,770,000	68,771,000	68,772,000	68,773,000	68,774,000	68,775,000	68,776,000
68,777,000	68,778,000	68,779,000	68,780,000	68,781,000	68,782,000	68,783,000	68,784,000
68,785,000	68,786,000	68,787,000	68,788,000	68,789,000	68,790,000	68,791,000	68,792,000
68,793,000	68,794,000	68,795,000	68,796,000	68,797,000	68,798,000	68,799,000	68,800,000
68,801,000	68,802,000	68,803,000	68,804,000	68,805,000	68,806,000	68,807,000	68,808,000
68,809,000	68,810,000	68,811,000	68,812,000	68,813,000	68,814,000	68,815,000	68,816,000
68,817,000	68,818,000	68,819,000	68,820,000	68,821,000	68,822,000	68,823,000	68,824,000
68,825,000	68,826,000	68,827,000	68,828,000	68,829,000	68,830,000	68,831,000	68,832,000
68,833,000	68,834,000	68,835,000	68,836,000	68,837,000	68,838,000	68,839,000	68,840,000
68,841,000	68,842,000	68,843,000	68,844,000	68,845,000	68,846,000	68,847,000	68,848,000
68,849,000	68,850,000	68,851,000	68,852,000	68,853,000	68,854,000	68,855,000	68,856,000
68,857,000	68,858,000	68,859,000	68,860,000	68,861,000	68,862,000	68,863,000	68,864,000
68,865,000	68,866,000	68,867,000	68,868,000	68,869,000	68,870,000	68,871,000	68,872,000
68,873,000	68,874,000	68,875,000	68,876,000	68,877,000	68,878,000	68,879,000	68,880,000
68,881,000	68,882,000	68,883,000	68,884,000	68,885,000	68,886,000	68,887,000	68,888,000
68,889,000	68,890,000	68,891,000	68,892,000	68,893,000	68,894,000	68,895,000	68,896,000
68,897,000	68,898,000	68,899,000	68,900,000	68,901,000	68,902,000	68,903,000	68,904,000
68,905,000	68,906,000	68,907,000	68,908,000	68,909,000	68,910,000	68,911,000	68,912,000
68,913,000	68,914,000	68,915,000	68,916,000	68,917,000	68,918,000	68,919,000	68,920,000
68,921,000	68,922,000	68,923,000	68,924,000	68,925,000	68,926,000	68,927,000	68,928,000
68,929,000	68,930,000	68,931,000	68,932,000	68,933,000	68,934,000	68,935,000	68,936,000
68,937,000	68,938,000	68,939,000	68,940,000	68,941,000	68,942,000	68,943,000	68,944,000
68,945,000	68,946,000	68,947,000	68,948,000	68,949,000	68,950,000	68,951,000	68,952,000

Supplemental Figure S8

68,953,000	68,954,000	68,955,000	68,956,000	68,957,000	68,958,000	68,959,000	68,960,000
68,961,000	68,962,000	68,963,000	68,964,000	68,965,000	68,966,000	68,967,000	68,968,000
68,969,000	68,970,000	68,971,000	68,972,000	68,973,000	68,974,000	68,975,000	68,976,000
68,977,000	68,978,000	68,979,000	68,980,000	68,981,000	68,982,000	68,983,000	68,984,000
68,985,000	68,986,000	68,987,000	68,988,000	68,989,000	68,990,000	68,991,000	68,992,000
68,993,000	68,994,000	68,995,000	68,996,000	68,997,000	68,998,000	68,999,000	69,000,000
69,001,000	69,002,000	69,003,000	69,004,000	69,005,000	69,006,000	69,007,000	69,008,000
69,009,000	69,010,000	69,011,000	69,012,000	69,013,000	69,014,000	69,015,000	69,016,000
69,017,000	69,018,000	69,019,000	69,020,000	69,021,000	69,022,000	69,023,000	69,024,000
69,025,000	69,026,000	69,027,000	69,028,000	69,029,000	69,030,000	69,031,000	69,032,000
69,033,000	69,034,000	69,035,000	69,036,000	69,037,000	69,038,000	69,039,000	69,040,000
69,041,000	69,042,000	69,043,000	69,044,000	69,045,000	69,046,000	69,047,000	69,048,000
69,049,000	69,050,000	69,051,000	69,052,000	69,053,000	69,054,000	69,055,000	69,056,000
69,057,000	69,058,000	69,059,000	69,060,000	69,061,000	69,062,000	69,063,000	69,064,000
69,065,000	69,066,000	69,067,000	69,068,000	69,069,000	69,070,000	69,071,000	69,072,000
69,073,000	69,074,000	69,075,000	69,076,000	69,077,000	69,078,000	69,079,000	69,080,000
69,081,000	69,082,000	69,083,000	69,084,000	69,085,000	69,086,000	69,087,000	69,088,000
69,089,000	69,090,000	69,091,000	69,092,000	69,093,000	69,094,000	69,095,000	69,096,000
69,097,000	69,098,000	69,099,000	69,100,000	69,101,000	69,102,000	69,103,000	69,104,000
69,105,000	69,106,000	69,107,000	69,108,000	69,109,000	69,110,000	69,111,000	69,112,000
69,113,000	69,114,000	69,115,000	69,116,000	69,117,000	69,118,000	69,119,000	69,120,000
69,121,000	69,122,000	69,123,000	69,124,000	69,125,000	69,126,000	69,127,000	69,128,000
69,129,000	69,130,000	69,131,000	69,132,000	69,133,000	69,134,000	69,135,000	69,136,000

Supplemental Figure S8

69,137,000	69,138,000	69,139,000	69,140,000	69,141,000	69,142,000	69,143,000	69,144,000
69,145,000	69,146,000	69,147,000	69,148,000	69,149,000	69,150,000	69,151,000	69,152,000
69,153,000	69,154,000	69,155,000	69,156,000	69,157,000	69,158,000	69,159,000	69,160,000
69,161,000	69,162,000	69,163,000	69,164,000	69,165,000	69,166,000	69,167,000	69,168,000
69,169,000	69,170,000	69,171,000	69,172,000	69,173,000	69,174,000	69,175,000	69,176,000
69,177,000	69,178,000	69,179,000	69,180,000	69,181,000	69,182,000	69,183,000	69,184,000
69,185,000	69,186,000	69,187,000	69,188,000	69,189,000	69,190,000	69,191,000	69,192,000
69,193,000	69,194,000	69,195,000	69,196,000	69,197,000	69,198,000	69,199,000	69,200,000
69,201,000	69,202,000	69,203,000	69,204,000	69,205,000	69,206,000	69,207,000	69,208,000
69,209,000	69,210,000	69,211,000	69,212,000	69,213,000	69,214,000	69,215,000	69,216,000
69,217,000	69,218,000	69,219,000	69,220,000	69,221,000	69,222,000	69,223,000	69,224,000
69,225,000	69,226,000	69,227,000	69,228,000	69,229,000	69,230,000	69,231,000	69,232,000
69,233,000	69,234,000	69,235,000	69,236,000	69,237,000	69,238,000	69,239,000	69,240,000
69,241,000	69,242,000	69,243,000	69,244,000	69,245,000	69,246,000	69,247,000	69,248,000
69,249,000	69,250,000	69,251,000	69,252,000	69,253,000	69,254,000	69,255,000	69,256,000
69,257,000	69,258,000	69,259,000	69,260,000	69,261,000	69,262,000	69,263,000	69,264,000
69,265,000	69,266,000	69,267,000	69,268,000	69,269,000	69,270,000	69,271,000	69,272,000
69,273,000	69,274,000	69,275,000	69,276,000	69,277,000	69,278,000	69,279,000	69,280,000
69,281,000	69,282,000	69,283,000	69,284,000	69,285,000	69,286,000	69,287,000	69,288,000
69,289,000	69,290,000	69,291,000	69,292,000	69,293,000	69,294,000	69,295,000	69,296,000
69,297,000	69,298,000	69,299,000	69,300,000	69,301,000	69,302,000	69,303,000	69,304,000
69,305,000	69,306,000	69,307,000	69,308,000	69,309,000	69,310,000	69,311,000	69,312,000
69,313,000	69,314,000	69,315,000	69,316,000	69,317,000	69,318,000	69,319,000	69,320,000

Supplemental Figure S8

69,321,000	69,322,000	69,323,000	69,324,000	69,325,000	69,326,000	69,327,000	69,328,000
69,329,000	69,330,000	69,331,000	69,332,000	69,333,000	69,334,000	69,335,000	69,336,000
69,337,000	69,338,000	69,339,000	69,340,000	69,341,000	69,342,000	69,343,000	69,344,000
69,345,000	69,346,000	69,347,000	69,348,000	69,349,000	69,350,000	69,351,000	69,352,000
69,353,000	69,354,000	69,355,000	69,356,000	69,357,000	69,358,000	69,359,000	69,360,000
69,361,000	69,362,000	69,363,000	69,364,000	69,365,000	69,366,000	69,367,000	69,368,000
69,369,000	69,370,000	69,371,000	69,372,000	69,373,000	69,374,000	69,375,000	69,376,000
69,377,000	69,378,000	69,379,000	69,380,000	69,381,000	69,382,000	69,383,000	69,384,000
69,385,000	69,386,000	69,387,000	69,388,000	69,389,000	69,390,000	69,391,000	69,392,000
69,393,000	69,394,000	69,395,000	69,396,000	69,397,000	69,398,000	69,399,000	69,400,000
69,401,000	69,402,000	69,403,000	69,404,000	69,405,000	69,406,000	69,407,000	69,408,000
69,409,000	69,410,000	69,411,000	69,412,000	69,413,000	69,414,000	69,415,000	69,416,000
69,417,000	69,418,000	69,419,000	69,420,000	69,421,000	69,422,000	69,423,000	69,424,000
69,425,000	69,426,000	69,427,000	69,428,000	69,429,000	69,430,000	69,431,000	69,432,000
69,433,000	69,434,000	69,435,000	69,436,000	69,437,000	69,438,000	69,439,000	69,440,000
69,441,000	69,442,000	69,443,000	69,444,000	69,445,000	69,446,000	69,447,000	69,448,000
69,449,000	69,450,000	69,451,000	69,452,000	69,453,000	69,454,000	69,455,000	69,456,000
69,457,000	69,458,000	69,459,000	69,460,000	69,461,000	69,462,000	69,463,000	69,464,000
69,465,000	69,466,000	69,467,000	69,468,000	69,469,000	69,470,000	69,471,000	69,472,000
69,473,000	69,474,000	69,475,000	69,476,000	69,477,000	69,478,000	69,479,000	69,480,000
69,481,000	69,482,000	69,483,000	69,484,000	69,485,000	69,486,000	69,487,000	69,488,000
69,489,000	69,490,000	69,491,000	69,492,000	69,493,000	69,494,000	69,495,000	69,496,000
69,497,000	69,498,000	69,499,000	69,500,000	69,501,000	69,502,000	69,503,000	69,504,000

Supplemental Figure S8

69,505,000	69,506,000	69,507,000	69,508,000	69,509,000	69,510,000	69,511,000	69,512,000
69,513,000	69,514,000	69,515,000	69,516,000	69,517,000	69,518,000	69,519,000	69,520,000
69,521,000	69,522,000	69,523,000	69,524,000	69,525,000	69,526,000	69,527,000	69,528,000
69,529,000	69,530,000	69,531,000	69,532,000	69,533,000	69,534,000	69,535,000	69,536,000
69,537,000	69,538,000	69,539,000	69,540,000	69,541,000	69,542,000	69,543,000	69,544,000
69,545,000	69,546,000	69,547,000	69,548,000	69,549,000	69,550,000	69,551,000	69,552,000
69,553,000	69,554,000	69,555,000	69,556,000	69,557,000	69,558,000	69,559,000	69,560,000
69,561,000	69,562,000	69,563,000	69,564,000	69,565,000	69,566,000	69,567,000	69,568,000
69,569,000	69,570,000	69,571,000	69,572,000	69,573,000	69,574,000	69,575,000	69,576,000
69,577,000	69,578,000	69,579,000	69,580,000	69,581,000	69,582,000	69,583,000	69,584,000
69,585,000	69,586,000	69,587,000	69,588,000	69,589,000	69,590,000	69,591,000	69,592,000
69,593,000	69,594,000	69,595,000	69,596,000	69,597,000	69,598,000	69,599,000	69,600,000
69,601,000	69,602,000	69,603,000	69,604,000	69,605,000	69,606,000	69,607,000	69,608,000
69,609,000	69,610,000	69,611,000	69,612,000	69,613,000	69,614,000	69,615,000	69,616,000
69,617,000	69,618,000	69,619,000	69,620,000	69,621,000	69,622,000	69,623,000	69,624,000
69,625,000	69,626,000	69,627,000	69,628,000	69,629,000	69,630,000	69,631,000	69,632,000
69,633,000	69,634,000	69,635,000	69,636,000	69,637,000	69,638,000	69,639,000	69,640,000
69,641,000	69,642,000	69,643,000	69,644,000	69,645,000	69,646,000	69,647,000	69,648,000
69,649,000	69,650,000	69,651,000	69,652,000	69,653,000	69,654,000	69,655,000	69,656,000
69,657,000	69,658,000	69,659,000	69,660,000	69,661,000	69,662,000	69,663,000	69,664,000
69,665,000	69,666,000	69,667,000	69,668,000	69,669,000	69,670,000	69,671,000	69,672,000
69,673,000	69,674,000	69,675,000	69,676,000	69,677,000	69,678,000	69,679,000	69,680,000
69,681,000	69,682,000	69,683,000	69,684,000	69,685,000	69,686,000	69,687,000	69,688,000



Supplemental Figure S8

69,689,000	69,690,000	69,691,000	69,692,000	69,693,000	69,694,000	69,695,000	69,696,000
69,697,000	69,698,000	69,699,000	69,700,000	69,701,000	69,702,000	69,703,000	69,704,000
69,705,000	69,706,000	69,707,000	69,708,000	69,709,000	69,710,000	69,711,000	69,712,000
69,713,000	69,714,000	69,715,000	69,716,000	69,717,000	69,718,000	69,719,000	69,720,000
69,721,000	69,722,000	69,723,000	69,724,000	69,725,000	69,726,000	69,727,000	69,728,000
69,729,000	69,730,000	69,731,000	69,732,000	69,733,000	69,734,000	69,735,000	69,736,000
69,737,000	69,738,000	69,739,000	69,740,000	69,741,000	69,742,000	69,743,000	69,744,000
69,745,000	69,746,000	69,747,000	69,748,000	69,749,000	69,750,000	69,751,000	69,752,000
69,753,000	69,754,000	69,755,000	69,756,000	69,757,000	69,758,000	69,759,000	69,760,000
69,761,000	69,762,000	69,763,000	69,764,000	69,765,000	69,766,000	69,767,000	69,768,000
69,769,000	69,770,000	69,771,000	69,772,000	69,773,000	69,774,000	69,775,000	69,776,000
69,777,000	69,778,000	69,779,000	69,780,000	69,781,000	69,782,000	69,783,000	69,784,000
69,785,000	69,786,000	69,787,000	69,788,000	69,789,000	69,790,000	69,791,000	69,792,000
69,793,000	69,794,000	69,795,000	69,796,000	69,797,000	69,798,000	69,799,000	69,800,000
69,801,000	69,802,000	69,803,000	69,804,000	69,805,000	69,806,000	69,807,000	69,808,000
69,809,000	69,810,000	69,811,000	69,812,000	69,813,000	69,814,000	69,815,000	69,816,000
69,817,000	69,818,000	69,819,000	69,820,000	69,821,000	69,822,000	69,823,000	69,824,000
69,825,000	69,826,000	69,827,000	69,828,000	69,829,000	69,830,000	69,831,000	69,832,000
69,833,000	69,834,000	69,835,000	69,836,000	69,837,000	69,838,000	69,839,000	69,840,000
69,841,000	69,842,000	69,843,000	69,844,000	69,845,000	69,846,000	69,847,000	69,848,000
69,849,000	69,850,000	69,851,000	69,852,000	69,853,000	69,854,000	69,855,000	69,856,000

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Supplemental Figure S8

69,857,000	69,858,000	69,859,000	69,860,000	69,861,000	69,862,000	69,863,000	69,864,000
69,865,000	69,866,000	69,867,000	69,868,000	69,869,000	69,870,000	69,871,000	69,872,000
69,873,000	69,874,000	69,875,000	69,876,000	69,877,000	69,878,000	69,879,000	69,880,000
69,881,000	69,882,000	69,883,000	69,884,000	69,885,000	69,886,000	69,887,000	69,888,000
69,889,000	69,890,000	69,891,000	69,892,000	69,893,000	69,894,000	69,895,000	69,896,000
69,897,000	69,898,000	69,899,000	69,900,000	69,901,000	69,902,000	69,903,000	69,904,000
69,905,000	69,906,000	69,907,000	69,908,000	69,909,000	69,910,000	69,911,000	69,912,000
69,913,000	69,914,000	69,915,000	69,916,000	69,917,000	69,918,000	69,919,000	69,920,000
69,921,000	69,922,000	69,923,000	69,924,000	69,925,000	69,926,000	69,927,000	69,928,000
69,929,000	69,930,000	69,931,000	69,932,000	69,933,000	69,934,000	69,935,000	69,936,000
69,937,000	69,938,000	69,939,000	69,940,000	69,941,000	69,942,000	69,943,000	69,944,000
69,945,000	69,946,000	69,947,000	69,948,000	69,949,000	69,950,000	69,951,000	69,952,000
69,953,000	69,954,000	69,955,000	69,956,000	69,957,000	69,958,000	69,959,000	69,960,000
69,961,000	69,962,000	69,963,000	69,964,000	69,965,000	69,966,000	69,967,000	69,968,000
69,969,000	69,970,000	69,971,000	69,972,000	69,973,000	69,974,000	69,975,000	69,976,000
69,977,000	69,978,000	69,979,000	69,980,000	69,981,000	69,982,000	69,983,000	69,984,000
69,985,000	69,986,000	69,987,000	69,988,000	69,989,000	69,990,000	69,991,000	69,992,000
69,993,000	69,994,000	69,995,000	69,996,000	69,997,000	69,998,000	69,999,000	70,000,000
70,001,000	70,002,000	70,003,000	70,004,000	70,005,000	70,006,000	70,007,000	70,008,000
70,009,000	70,010,000	70,011,000	70,012,000	70,013,000	70,014,000	70,015,000	70,016,000
70,017,000	70,018,000	70,019,000	70,020,000	70,021,000	70,022,000	70,023,000	70,024,000
70,025,000	70,026,000	70,027,000	70,028,000	70,029,000	70,030,000	70,031,000	70,032,000
70,033,000	70,034,000	70,035,000	70,036,000	70,037,000	70,038,000	70,039,000	70,040,000

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Supplemental Figure S8

70,041,000	70,042,000	70,043,000	70,044,000	70,045,000	70,046,000	70,047,000	70,048,000
70,049,000	70,050,000	70,051,000	70,052,000	70,053,000	70,054,000	70,055,000	70,056,000
70,057,000	70,058,000	70,059,000	70,060,000	70,061,000	70,062,000	70,063,000	70,064,000
70,065,000	70,066,000	70,067,000	70,068,000	70,069,000	70,070,000	70,071,000	70,072,000
70,073,000	70,074,000	70,075,000	70,076,000	70,077,000	70,078,000	70,079,000	70,080,000
70,081,000	70,082,000	70,083,000	70,084,000	70,085,000	70,086,000	70,087,000	70,088,000
70,089,000	70,090,000	70,091,000	70,092,000	70,093,000	70,094,000	70,095,000	70,096,000
70,097,000	70,098,000	70,099,000	70,100,000	70,101,000	70,102,000	70,103,000	70,104,000
70,105,000	70,106,000	70,107,000	70,108,000	70,109,000	70,110,000	70,111,000	70,112,000
70,113,000	70,114,000	70,115,000	70,116,000	70,117,000	70,118,000	70,119,000	70,120,000
70,121,000	70,122,000	70,123,000	70,124,000	70,125,000	70,126,000	70,127,000	70,128,000
70,129,000	70,130,000	70,131,000	70,132,000	70,133,000	70,134,000	70,135,000	70,136,000
NE 70,137,000	70,138,000	70,139,000	70,140,000	70,141,000	70,142,000	70,143,000	70,144,000
70,145,000	70,146,000	70,147,000	70,148,000	70,149,000	70,150,000	70,151,000	70,152,000
70,153,000	70,154,000	70,155,000	70,156,000	70,157,000	70,158,000	70,159,000	70,160,000
70,161,000	70,162,000	70,163,000	70,164,000	70,165,000	70,166,000	70,167,000	70,168,000
70,169,000	70,170,000	70,171,000	70,172,000	70,173,000	70,174,000	70,175,000	70,176,000
70,177,000	70,178,000	70,179,000	70,180,000	70,181,000	70,182,000	70,183,000	70,184,000
70,185,000	70,186,000	70,187,000	70,188,000	70,189,000	70,190,000	70,191,000	70,192,000
70,193,000	70,194,000	70,195,000	70,196,000	70,197,000	70,198,000	70,199,000	70,200,000
70,201,000	70,202,000	70,203,000	70,204,000	70,205,000	70,206,000	70,207,000	70,208,000
70,209,000	70,210,000	70,211,000	70,212,000	70,213,000	70,214,000	70,215,000	70,216,000
70,217,000	70,218,000	70,219,000	70,220,000	70,221,000	70,222,000	70,223,000	70,224,000

Supplemental Figure S8

70,225,000	70,226,000	70,227,000	70,228,000	70,229,000	70,230,000	70,231,000	70,232,000
70,233,000	70,234,000	70,235,000	70,236,000	70,237,000	70,238,000	70,239,000	70,240,000
70,241,000	70,242,000	70,243,000	70,244,000	70,245,000	70,246,000	70,247,000	70,248,000
70,249,000	70,250,000	70,251,000	70,252,000	70,253,000	70,254,000	70,255,000	70,256,000
70,257,000	70,258,000	70,259,000	70,260,000	70,261,000	70,262,000	70,263,000	70,264,000
70,265,000	70,266,000	70,267,000	70,268,000	70,269,000	70,270,000	70,271,000	70,272,000
70,273,000	70,274,000	70,275,000	70,276,000	70,277,000	70,278,000	70,279,000	70,280,000
70,281,000	70,282,000	70,283,000	70,284,000	70,285,000	70,286,000	70,287,000	70,288,000
70,289,000	70,290,000	70,291,000	70,292,000	70,293,000	70,294,000	70,295,000	70,296,000
70,297,000	70,298,000	70,299,000	70,300,000	70,301,000	70,302,000	70,303,000	70,304,000
70,305,000	70,306,000	70,307,000	70,308,000	70,309,000	70,310,000	70,311,000	70,312,000
70,313,000	70,314,000	70,315,000	70,316,000	70,317,000	70,318,000	70,319,000	70,320,000
70,321,000	70,322,000	70,323,000	70,324,000	70,325,000	70,326,000	70,327,000	70,328,000
70,329,000	70,330,000	70,331,000	70,332,000	70,333,000	70,334,000	70,335,000	70,336,000
70,337,000	70,338,000	70,339,000	70,340,000	70,341,000	70,342,000	70,343,000	70,344,000
70,345,000	70,346,000	70,347,000	70,348,000	70,349,000	70,350,000	70,351,000	70,352,000
70,353,000	70,354,000	70,355,000	70,356,000	70,357,000	70,358,000	70,359,000	70,360,000
70,361,000	70,362,000	70,363,000	70,364,000	70,365,000	70,366,000	70,367,000	70,368,000
70,369,000	70,370,000	70,371,000	70,372,000	70,373,000	70,374,000	70,375,000	70,376,000
70,377,000	70,378,000	70,379,000	70,380,000	70,381,000	70,382,000	70,383,000	70,384,000
70,385,000	70,386,000	70,387,000	70,388,000	70,389,000	70,390,000	70,391,000	70,392,000
70,393,000	70,394,000	70,395,000	70,396,000	70,397,000	70,398,000	70,399,000	70,400,000
70,401,000	70,402,000	70,403,000	70,404,000	70,405,000	70,406,000	70,407,000	70,408,000

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Supplemental Figure S8

70,409,000	70,410,000	70,411,000	70,412,000	70,413,000	70,414,000	70,415,000	70,416,000
70,417,000	70,418,000	70,419,000	70,420,000	70,421,000	70,422,000	70,423,000	70,424,000
70,425,000	70,426,000	70,427,000	70,428,000	70,429,000	70,430,000	70,431,000	70,432,000
70,433,000	70,434,000	70,435,000	70,436,000	70,437,000	70,438,000	70,439,000	70,440,000
70,441,000	70,442,000	70,443,000	70,444,000	70,445,000	70,446,000	70,447,000	70,448,000
70,449,000	70,450,000	70,451,000	70,452,000	70,453,000	70,454,000	70,455,000	70,456,000
70,457,000	70,458,000	70,459,000	70,460,000	70,461,000	70,462,000	70,463,000	70,464,000
70,465,000	70,466,000	70,467,000	70,468,000	70,469,000	70,470,000	70,471,000	70,472,000
70,473,000	70,474,000	70,475,000	70,476,000	70,477,000	70,478,000	70,479,000	70,480,000
70,481,000	70,482,000	70,483,000	70,484,000	70,485,000	70,486,000	70,487,000	70,488,000
70,489,000	70,490,000	70,491,000	70,492,000	70,493,000	70,494,000	70,495,000	70,496,000
70,497,000	70,498,000	70,499,000	70,500,000	70,501,000	70,502,000	70,503,000	70,504,000
70,505,000	70,506,000	70,507,000	70,508,000	70,509,000	70,510,000	70,511,000	70,512,000
70,513,000	70,514,000	70,515,000	70,516,000	70,517,000	70,518,000	70,519,000	70,520,000
70,521,000	70,522,000	70,523,000	70,524,000	70,525,000	70,526,000	70,527,000	70,528,000
70,529,000	70,530,000	70,531,000	70,532,000	70,533,000	70,534,000	70,535,000	70,536,000
70,537,000	70,538,000	70,539,000	70,540,000	70,541,000	70,542,000	70,543,000	70,544,000
70,545,000	70,546,000	70,547,000	70,548,000	70,549,000	70,550,000	70,551,000	70,552,000
70,553,000	70,554,000	70,555,000	70,556,000	70,557,000	70,558,000	70,559,000	70,560,000
70,561,000	70,562,000	70,563,000	70,564,000	70,565,000	70,566,000	70,567,000	70,568,000
70,569,000	70,570,000	70,571,000	70,572,000	70,573,000	70,574,000	70,575,000	70,576,000
70,577,000	70,578,000	70,579,000	70,580,000	70,581,000	70,582,000	70,583,000	70,584,000
70,585,000	70,586,000	70,587,000	70,588,000	70,589,000	70,590,000	70,591,000	70,592,000

Supplemental Figure S8

70,593,000	70,594,000	70,595,000	70,596,000	70,597,000	70,598,000	70,599,000	70,600,000
70,601,000	70,602,000	70,603,000	70,604,000	70,605,000	70,606,000	70,607,000	70,608,000
70,609,000	70,610,000	70,611,000	70,612,000	70,613,000	70,614,000	70,615,000	70,616,000
NE 70,617,000	70,618,000	70,619,000	70,620,000	70,621,000	70,622,000	70,623,000	70,624,000
70,625,000	70,626,000	70,627,000	70,628,000	70,629,000	70,630,000	70,631,000	70,632,000
70,633,000	70,634,000	70,635,000	70,636,000	70,637,000	70,638,000	70,639,000	70,640,000
70,641,000	70,642,000	70,643,000	70,644,000	70,645,000	70,646,000	70,647,000	70,648,000
70,649,000	70,650,000	70,651,000	70,652,000	70,653,000	70,654,000	70,655,000	70,656,000
70,657,000	70,658,000	70,659,000	70,660,000	70,661,000	70,662,000	70,663,000	70,664,000
70,665,000	70,666,000	70,667,000	70,668,000	70,669,000	70,670,000	70,671,000	70,672,000
70,673,000	70,674,000	70,675,000	70,676,000	70,677,000	70,678,000	70,679,000	70,680,000
70,681,000	70,682,000	70,683,000	70,684,000	70,685,000	70,686,000	70,687,000	70,688,000
70,689,000	70,690,000	70,691,000	70,692,000	70,693,000	70,694,000	70,695,000	70,696,000
70,697,000	70,698,000	70,699,000	70,700,000	70,701,000	70,702,000	70,703,000	70,704,000
70,705,000	70,706,000	70,707,000	70,708,000	70,709,000	70,710,000	70,711,000	70,712,000
70,713,000	70,714,000	70,715,000	70,716,000	70,717,000	70,718,000	70,719,000	70,720,000
70,721,000	70,722,000	70,723,000	70,724,000	70,725,000	70,726,000	70,727,000	70,728,000
70,729,000	70,730,000	70,731,000	70,732,000	70,733,000	70,734,000	70,735,000	70,736,000
70,737,000	70,738,000	70,739,000	70,740,000	70,741,000	70,742,000	70,743,000	70,744,000
70,745,000	70,746,000	70,747,000	70,748,000	70,749,000	70,750,000	70,751,000	70,752,000
70,753,000	70,754,000	70,755,000	70,756,000	70,757,000	70,758,000	70,759,000	70,760,000
70,761,000	NE 70,762,000	70,763,000	70,764,000	70,765,000	70,766,000	70,767,000	70,768,000

Supplemental Figure S8

70,769,000	70,770,000	70,771,000	70,772,000	70,773,000	70,774,000	70,775,000	70,776,000
70,777,000	70,778,000	70,779,000	70,780,000	70,781,000	70,782,000	70,783,000	70,784,000
70,785,000	70,786,000	70,787,000	70,788,000	70,789,000	70,790,000	70,791,000	70,792,000
70,793,000	70,794,000	70,795,000	70,796,000	70,797,000	70,798,000	70,799,000	70,800,000
70,801,000	70,802,000	70,803,000	70,804,000	70,805,000	70,806,000	70,807,000	70,808,000
70,809,000	70,810,000	70,811,000	70,812,000	70,813,000	70,814,000	70,815,000	70,816,000
70,817,000	70,818,000	70,819,000	70,820,000	70,821,000	70,822,000	70,823,000	70,824,000
70,825,000	70,826,000	70,827,000	70,828,000	70,829,000	70,830,000	70,831,000	70,832,000
70,833,000	70,834,000	70,835,000	70,836,000	70,837,000	70,838,000	70,839,000	70,840,000
70,841,000	70,842,000	70,843,000	70,844,000	70,845,000	70,846,000	70,847,000	70,848,000
70,849,000	70,850,000	70,851,000	70,852,000	70,853,000	70,854,000	70,855,000	70,856,000
70,857,000	70,858,000	70,859,000	70,860,000	70,861,000	70,862,000	70,863,000	70,864,000
70,865,000	70,866,000	70,867,000	70,868,000	70,869,000	70,870,000	70,871,000	70,872,000
70,873,000	70,874,000	70,875,000	70,876,000	70,877,000	70,878,000	70,879,000	70,880,000
70,881,000	70,882,000	70,883,000	70,884,000	70,885,000	70,886,000	70,887,000	70,888,000
70,889,000	70,890,000	70,891,000	70,892,000	70,893,000	70,894,000	70,895,000	70,896,000
70,897,000	70,898,000	70,899,000	70,900,000	70,901,000	70,902,000	70,903,000	70,904,000
70,905,000	70,906,000	70,907,000	70,908,000	70,909,000	70,910,000	70,911,000	70,912,000
70,913,000	70,914,000	70,915,000	70,916,000	70,917,000	70,918,000	70,919,000	70,920,000
70,921,000	70,922,000	70,923,000	70,924,000	70,925,000	70,926,000	70,927,000	70,928,000
70,929,000	70,930,000	70,931,000	70,932,000	70,933,000	70,934,000	70,935,000	70,936,000
70,937,000	70,938,000	70,939,000	70,940,000	70,941,000	70,942,000	70,943,000	70,944,000
70,945,000	70,946,000	70,947,000	70,948,000	70,949,000	70,950,000	70,951,000	70,952,000

NE

Supplemental Figure S8

70,953,000	70,954,000	70,955,000	70,956,000	70,957,000	70,958,000	70,959,000	70,960,000
70,961,000	70,962,000	70,963,000	70,964,000	70,965,000	70,966,000	70,967,000	70,968,000
70,969,000	70,970,000	70,971,000	70,972,000	70,973,000	70,974,000	70,975,000	70,976,000
70,977,000	70,978,000	70,979,000	70,980,000	70,981,000	70,982,000	70,983,000	70,984,000
70,985,000	70,986,000	70,987,000	70,988,000	70,989,000	70,990,000	70,991,000	70,992,000
70,993,000	70,994,000	70,995,000	70,996,000	70,997,000	70,998,000	70,999,000	71,000,000
71,001,000	71,002,000	71,003,000	71,004,000	71,005,000	71,006,000	71,007,000	71,008,000
71,009,000	71,010,000	71,011,000	71,012,000	71,013,000	71,014,000	71,015,000	71,016,000
71,017,000	71,018,000	71,019,000	71,020,000	71,021,000	71,022,000	71,023,000	71,024,000
71,025,000	71,026,000	71,027,000	71,028,000	71,029,000	71,030,000	71,031,000	71,032,000
71,033,000	71,034,000	71,035,000	71,036,000	71,037,000	71,038,000	71,039,000	71,040,000
71,041,000	71,042,000	71,043,000	71,044,000	71,045,000	71,046,000	71,047,000	71,048,000
71,049,000	71,050,000	71,051,000	71,052,000	71,053,000	71,054,000	71,055,000	71,056,000
71,057,000	71,058,000	71,059,000	71,060,000	71,061,000	71,062,000	71,063,000	71,064,000
71,065,000	71,066,000	71,067,000	71,068,000	71,069,000	71,070,000	71,071,000	71,072,000
71,073,000	71,074,000	71,075,000	71,076,000	71,077,000	71,078,000	71,079,000	71,080,000
71,081,000	71,082,000	71,083,000	71,084,000	71,085,000	71,086,000	71,087,000	71,088,000
71,089,000	71,090,000	71,091,000	71,092,000	71,093,000	71,094,000	71,095,000	71,096,000
71,097,000	71,098,000	71,099,000	71,100,000	71,101,000	71,102,000	71,103,000	71,104,000
71,105,000	71,106,000	71,107,000	71,108,000	71,109,000	71,110,000	71,111,000	71,112,000
71,113,000	71,114,000	71,115,000	71,116,000	71,117,000	71,118,000	71,119,000	71,120,000
71,121,000	71,122,000	71,123,000	71,124,000	71,125,000	71,126,000	71,127,000	71,128,000
71,129,000	71,130,000	71,131,000	71,132,000	71,133,000	71,134,000	71,135,000	71,136,000

Supplemental Figure S8

