Sample	# of r26-MET plasmid FISH Signals	r26-MET plasmid Integration Sites (Approximation)	Chr Count and Ploidy Level
NF1-MET spleen Mouse #951	2 [2] 3 [16] 4 [2]	6E, 14E1 [2] 6E, 6E, 14E1 [13] / 6E, 11B5, 14E1 [3] 6E, 6E, 11B5, 14E1 [2]	40<2n> [20]
NF1-MET MPNST Mouse #951	3 [10] 4 [6] 6 [2] 8 [2]	6E, 6E, 14E1 [10] 6E, 6E, 6E, 14E1 [2] / 6E, 6E,11B5, 14E1 [4] 6E, 6E, 6E, 6E, 14E1, 14E1 [2] 6E, 6E, 6E, 6E, 11B5, 11B5, 14E1, 14E1 [2]	39~40<2n>[16] 79~80<4n>[4]
NF1-MET MPNST Mouse #981	2 [1] 3 [10] 4 [3] 6 [6]	6E, 14E1 [1] 6E, 6E, 14E1 [10] 6E, 6E, 11B5, 14E1 [3] 6E, 6E, 6E, 6E, 14E1, 14E1 [6]	40~41<2n>[14] 80~82<4n>[6]
NF1-MET MPNST Mouse #981 Xenograft	2 [3] 3 [16] 6 [1]	6E, 14E1 [1] / 6E, 6E [2] 6E, 6E, 14E1 [16] 6E, 6E, 6E, 6E, 14E1, 14E1 [1]	40~42<2n>[19] 82<4n>[1]

Supplemental Table 1: Summary of R26-MET transgene localization. Interphase FISH analysis spleen and MPNST cells from NF1-MET mice was performed and the r26-MET (green) signal was assessed. Note that several tumors had diploid and tetraploid cells present.