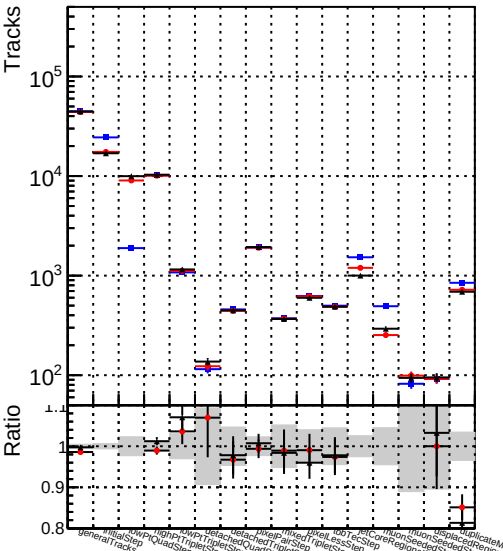
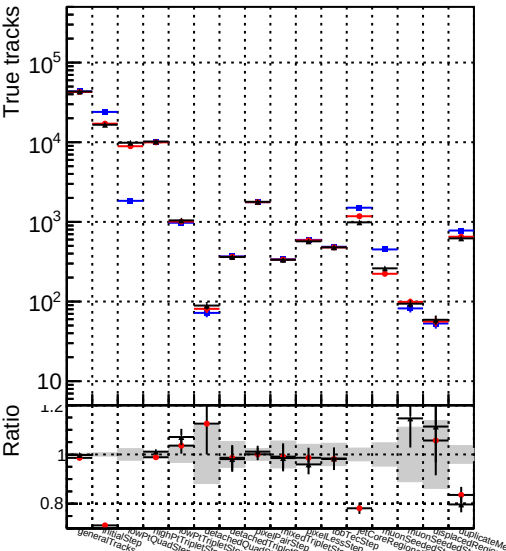


Number of tracks vs collection



Number of true tracks vs collection



Number
—●— DQM_testMkFit_InitialStepReso
—▲— DQM_testMkFitFit_initialStepReso

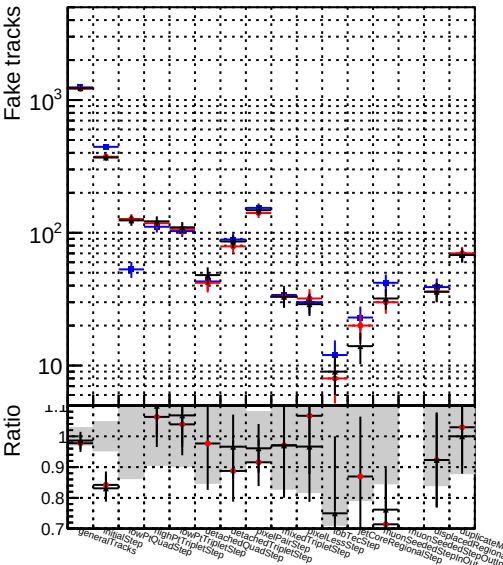


Figure 1 is a dot plot showing the ratio of duplicate tracks to general tracks for various genomic features. The y-axis is labeled 'Ratio' and ranges from 0.8 to 10² on a logarithmic scale. The x-axis lists genomic features. A horizontal line at Ratio = 1 indicates the expected ratio. The 'Duplicate tracks' feature has a significantly higher ratio, around 50, while most other features are close to 1. The features are listed in descending order of ratio.

Genomic Feature	Ratio (approx.)
Duplicate tracks	50
General tracks	0.85
Chromosomes	0.85
Chromatids	0.85
Chromatid pairs	0.85
Chromatid pairs (1/2)	0.85
Chromatid pairs (1/4)	0.85
Chromatid pairs (1/8)	0.85
Chromatid pairs (1/16)	0.85
Chromatid pairs (1/32)	0.85
Chromatid pairs (1/64)	0.85
Chromatid pairs (1/128)	0.85
Chromatid pairs (1/256)	0.85
Chromatid pairs (1/512)	0.85
Chromatid pairs (1/1024)	0.85
Chromatid pairs (1/2048)	0.85
Chromatid pairs (1/4096)	0.85
Chromatid pairs (1/8192)	0.85
Chromatid pairs (1/16384)	0.85
Chromatid pairs (1/32768)	0.85
Chromatid pairs (1/65536)	0.85
Chromatid pairs (1/131072)	0.85
Chromatid pairs (1/262144)	0.85
Chromatid pairs (1/524288)	0.85
Chromatid pairs (1/1048576)	0.85
Chromatid pairs (1/2097152)	0.85
Chromatid pairs (1/4194304)	0.85
Chromatid pairs (1/8388608)	0.85
Chromatid pairs (1/16777216)	0.85
Chromatid pairs (1/33554432)	0.85
Chromatid pairs (1/67108864)	0.85
Chromatid pairs (1/134217728)	0.85
Chromatid pairs (1/268435456)	0.85
Chromatid pairs (1/536870912)	0.85
Chromatid pairs (1/1073741824)	0.85
Chromatid pairs (1/2147483648)	0.85
Chromatid pairs (1/4294967296)	0.85
Chromatid pairs (1/8589934592)	0.85
Chromatid pairs (1/17179869184)	0.85
Chromatid pairs (1/34359738368)	0.85
Chromatid pairs (1/68719476736)	0.85
Chromatid pairs (1/137438953472)	0.85
Chromatid pairs (1/274877906944)	0.85
Chromatid pairs (1/549755813888)	0.85
Chromatid pairs (1/1099511627776)	0.85
Chromatid pairs (1/2199023255552)	0.85
Chromatid pairs (1/4398046511104)	0.85
Chromatid pairs (1/8796093022208)	0.85
Chromatid pairs (1/17592186044416)	0.85
Chromatid pairs (1/35184372088832)	0.85
Chromatid pairs (1/70368744177664)	0.85
Chromatid pairs (1/140737488355328)	0.85
Chromatid pairs (1/281474976710656)	0.85
Chromatid pairs (1/562949953421312)	0.85
Chromatid pairs (1/1125899906842624)	0.85
Chromatid pairs (1/2251799813685248)	0.85
Chromatid pairs (1/4503599627370496)	0.85
Chromatid pairs (1/9007199254740992)	0.85
Chromatid pairs (1/18014398509481984)	0.85
Chromatid pairs (1/36028797018963968)	0.85
Chromatid pairs (1/72057594037927936)	0.85
Chromatid pairs (1/144115188075855872)	0.85
Chromatid pairs (1/288230376151711744)	0.85
Chromatid pairs (1/576460752303423488)	0.85
Chromatid pairs (1/1152921504606846976)	0.85
Chromatid pairs (1/2305843009213693952)	0.85
Chromatid pairs (1/4611686018427387904)	0.85
Chromatid pairs (1/9223372036854775808)	0.85
Chromatid pairs (1/18446744073709551616)	0.85
Chromatid pairs (1/36893488147419103232)	0.85
Chromatid pairs (1/73786976294838206464)	0.85
Chromatid pairs (1/147573952589676412928)	0.85
Chromatid pairs (1/295147905179352825856)	0.85
Chromatid pairs (1/590295810358705651712)	0.85
Chromatid pairs (1/1180591620717411303424)	0.85
Chromatid pairs (1/2361183241434822606848)	0.85
Chromatid pairs (1/4722366482869645213696)	0.85
Chromatid pairs (1/9444732965739290427392)	0.85
Chromatid pairs (1/18889465931478580854784)	0.85
Chromatid pairs (1/37778931862957161709568)	0.85
Chromatid pairs (1/75557863725914323419136)	0.85
Chromatid pairs (1/151115727451828646838272)	0.85
Chromatid pairs (1/302231454903657293676544)	0.85
Chromatid pairs (1/604462909807314587353088)	0.85
Chromatid pairs (1/1208925819614629174706176)	0.85
Chromatid pairs (1/2417851639229258349412352)	0.85
Chromatid pairs (1/4835703278458516698824704)	0.85
Chromatid pairs (1/9671406556917033397649408)	0.85
Chromatid pairs (1/19342813113834066795298816)	0.85

Number of pileup tracks vs collection

