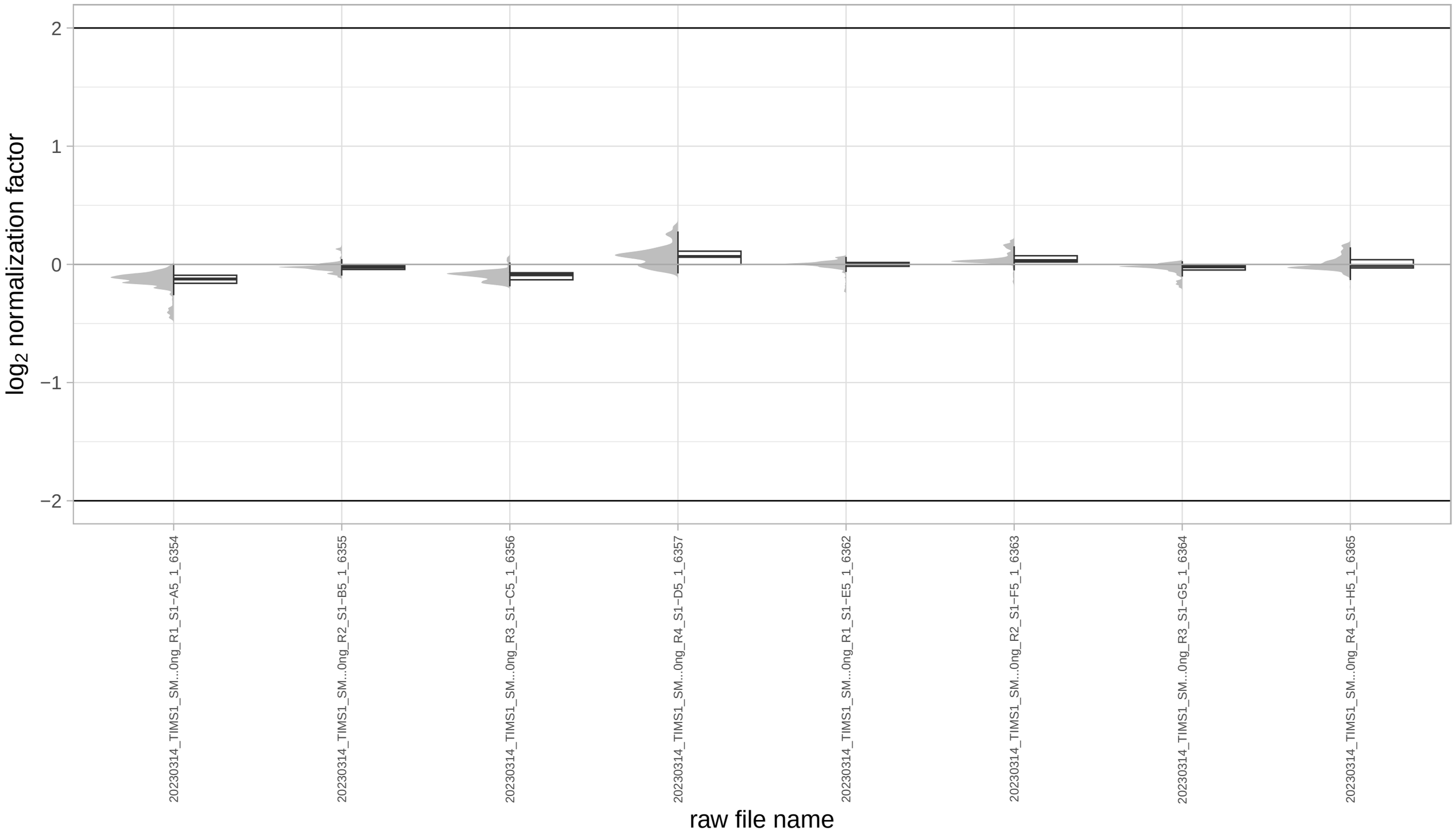
normalization factor plot



solid line = normlization cutoff of 4 fold difference form median