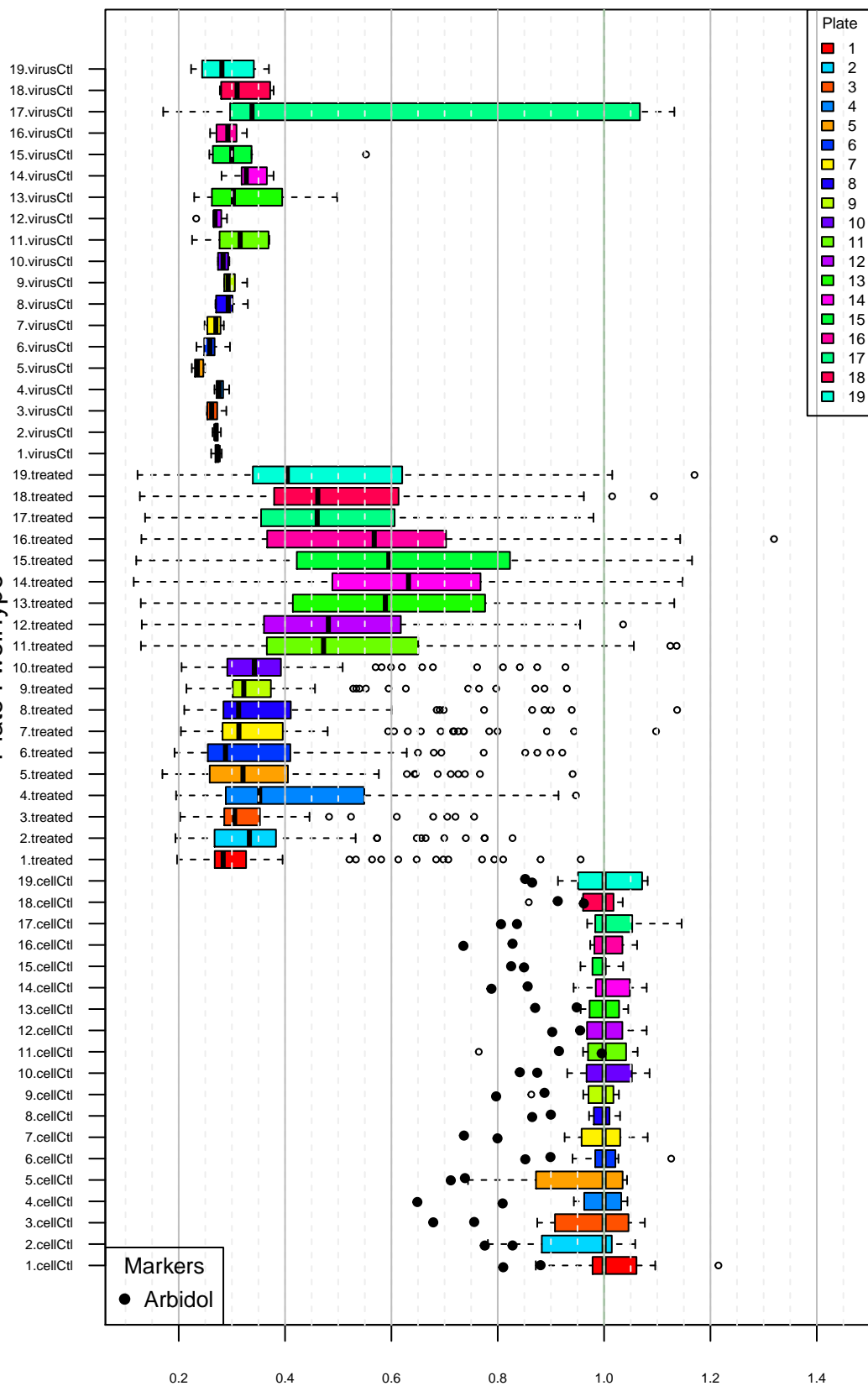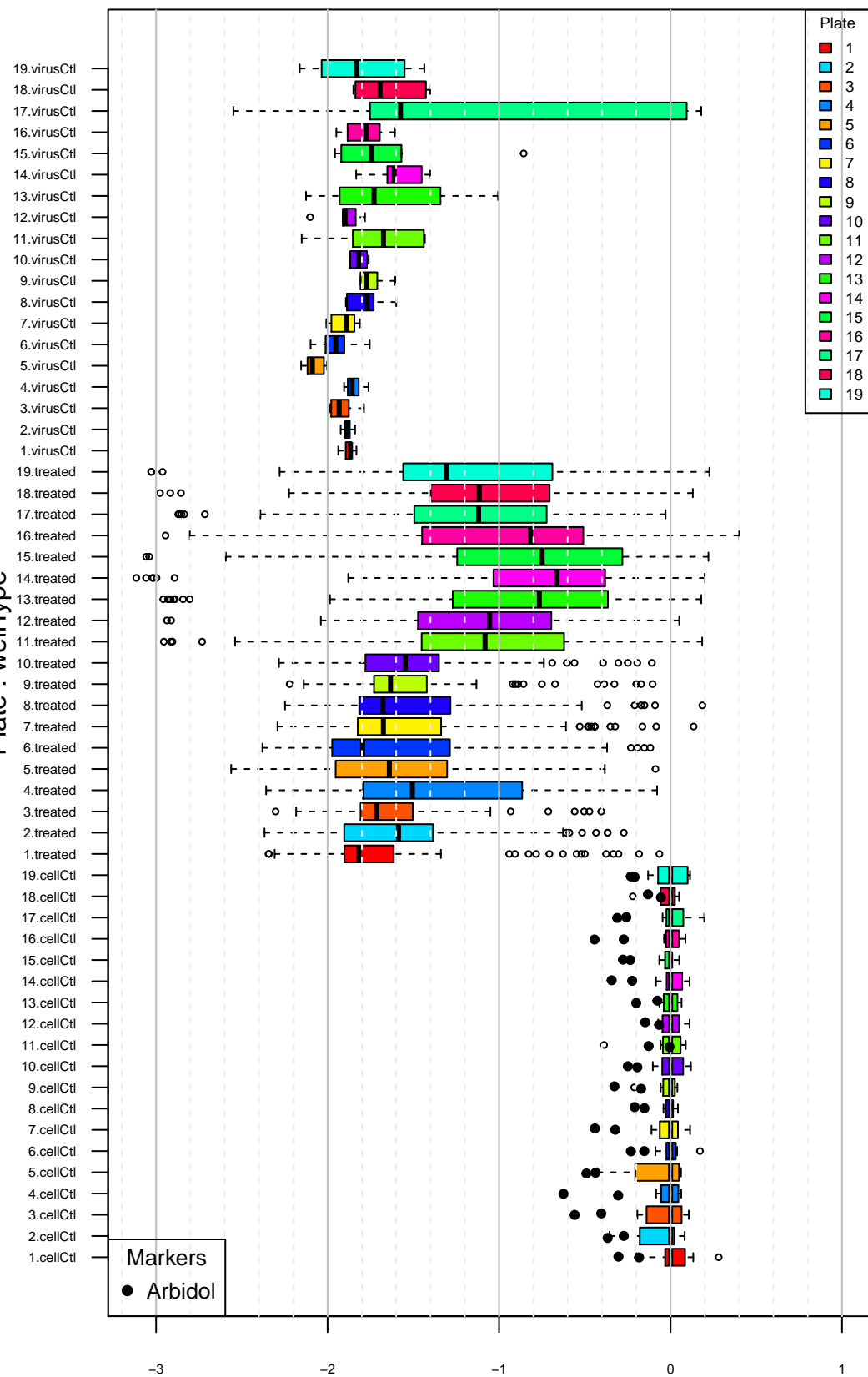Viability log2(ratio) distribution