

Table 3. Quality distribution of a total of the 17,490,205 sequenced bp in the database

Phred score	Error probability	Accuracy, %	No. of bp in database	Percentage of total
1-10	1 in 10	90	377,214	2.1
11-20	1 in 100	99	1,108,410	6.3
21-30	1 in 1,000	99.9	1,704,845	9.6
31-40	1 in 10,000	99.99	2,992,367	11.6
41-50	1 in 100,000	99.999	5,171,875	30.4
>51	1 in 1,000,000	99.9999	6,135,494	40.1
Total			17,490,205	100

Color-coding is the same as quality graphs in the database (Fig. 12E). Only 2.1% of the sequences are low in quality (scores 1-10), and these passed trimming because they were within stretches of regions of high quality or were at the 5' and 3' primer ends, where trimming would have shortened the zebra finch-specific sequences.