

Concordance Report for EFL1 in N2_Pefl_Input_032511

Explanations

- Ratio is the absolute value of the \log_2 of the ratio of two numbers. It tells you basically the order of magnitude the two numbers differ from each other.
- Two regions overlap if they are in the same chromosome and share at least one base position
- Click on the graph to download the data used for the plot
- Precision problem: when sorting the targets, the program needs to compare if the value of one target is smaller than the value of another (in this case, the targets with the smallest values come first). But because of limitations of a computer in representing a small decimal, for two numbers whose difference is smaller than 10^{-300} the comparison is not done and are considered equal. See [reference](#) for more information.

Report

rep_GFP2 verses rep_EFL_3

Mapped Reads

Mapped reads for rep_GFP2 2761952

Mapped reads for rep_EFL_3 5761365

Absolute \log_2 Ratio 1.0607

Target List

Target List count for rep_GFP2 3458

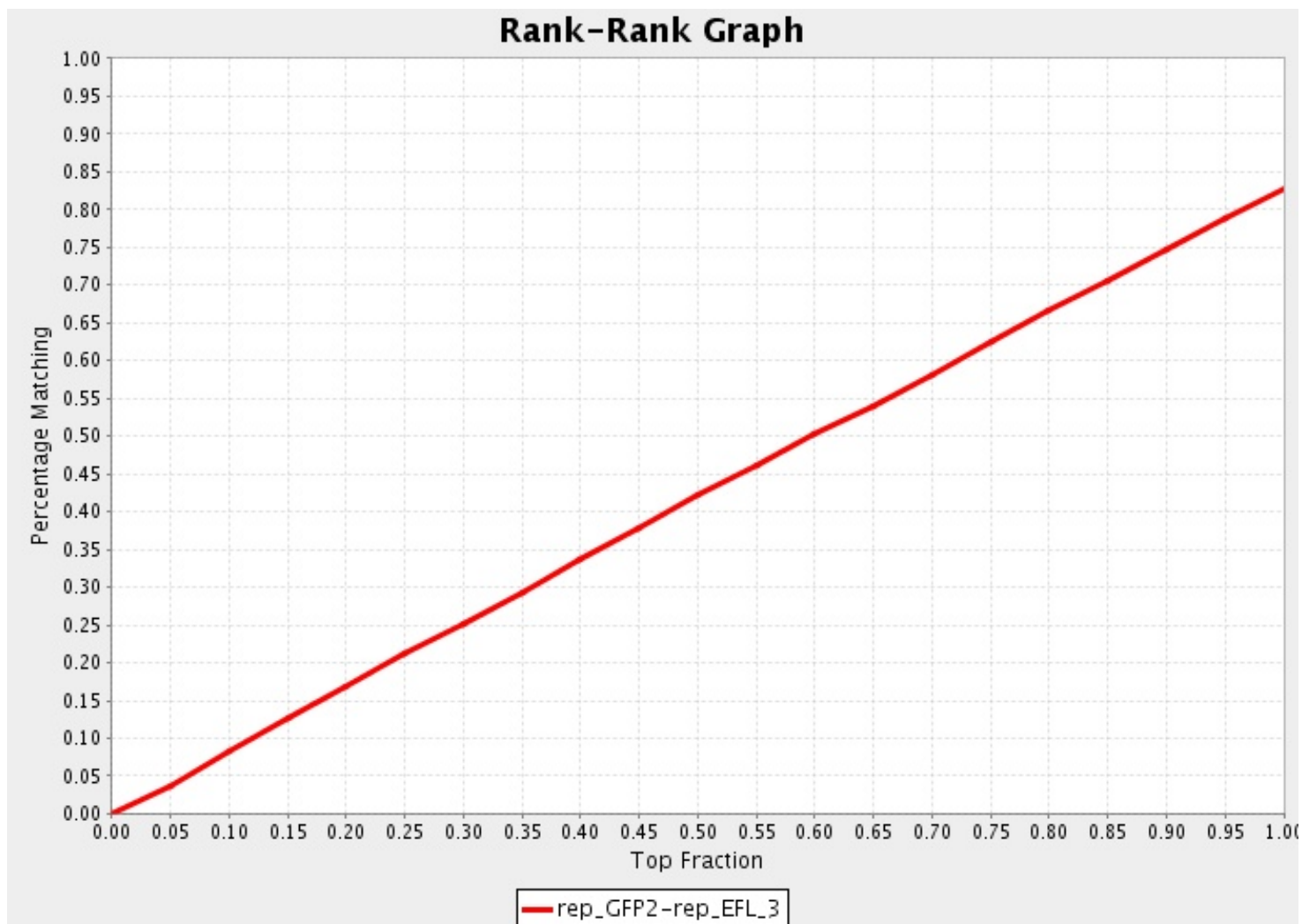
Target List count for rep_EFL_3 3762

Absolute \log_2 Ratio 0.1216

Overlap of Target Lists

Top 40.0 % of rep_GFP2 over all 3458 of rep_EFL_3 98.55 %

Top 40.0 % of rep_EFL_3 over all 3458 of rep_GFP2 99.64 %



rep_GFP2 verses rep_EFL_1

Mapped Reads

Mapped reads for rep_GFP2 2761952

Mapped reads for rep_EFL_1 4609331

Absolute Log₂ Ratio 0.7389

Target List

Target List count for rep_GFP2 3458

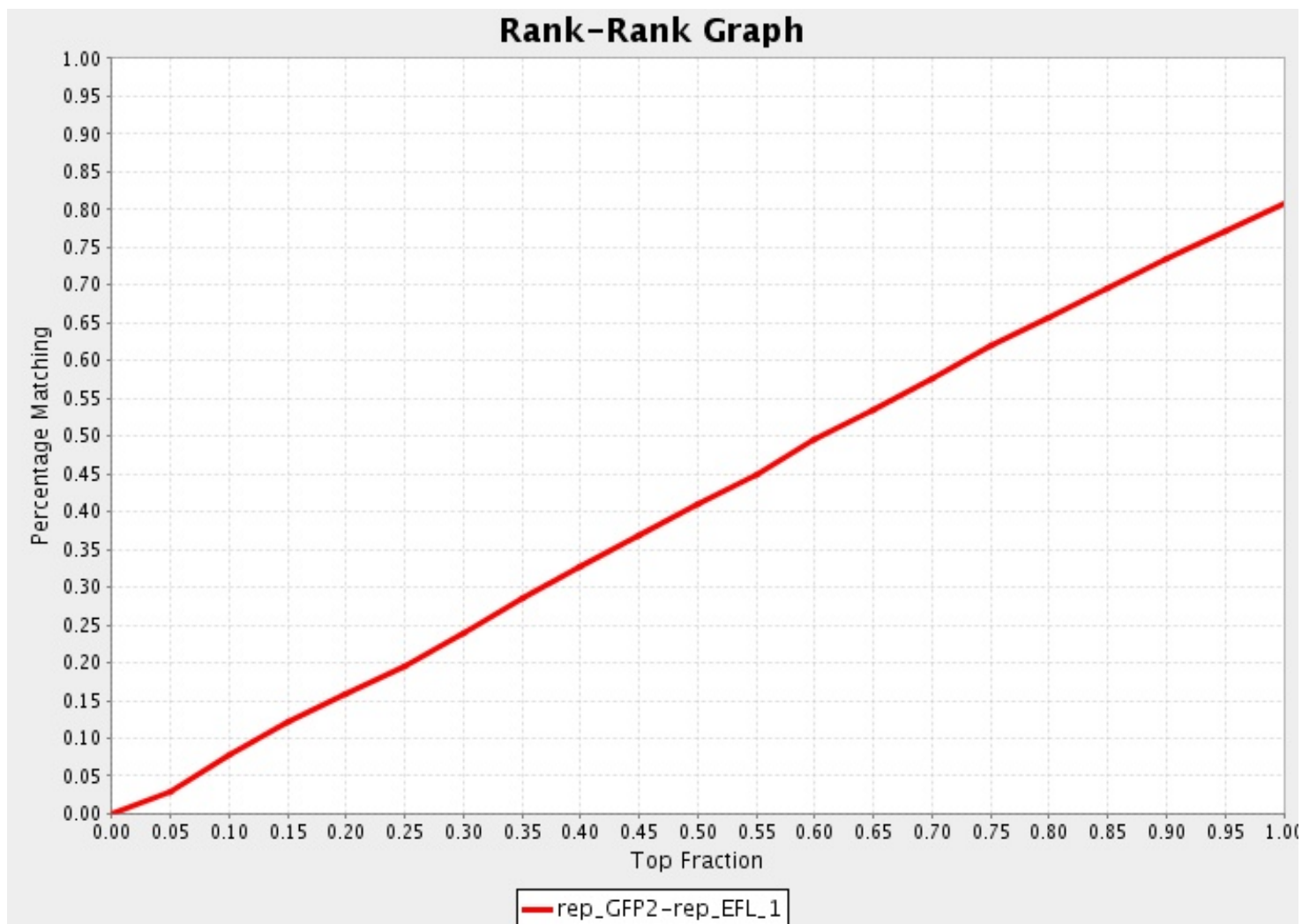
Target List count for rep_EFL_1 2556

Absolute Log₂ Ratio 0.4361

Overlap of Target Lists

Top 40.0 % of rep_GFP2 over all 2556 of rep_EFL_1 98.83 %

Top 40.0 % of rep_EFL_1 over all 2556 of rep_GFP2 99.12 %



rep_GFP2 verses rep_GFP1

Mapped Reads

Mapped reads for rep_GFP2 2761952

Mapped reads for rep_GFP1 3606627

Absolute Log₂ Ratio 0.3850

Target List

Target List count for rep_GFP2 3458

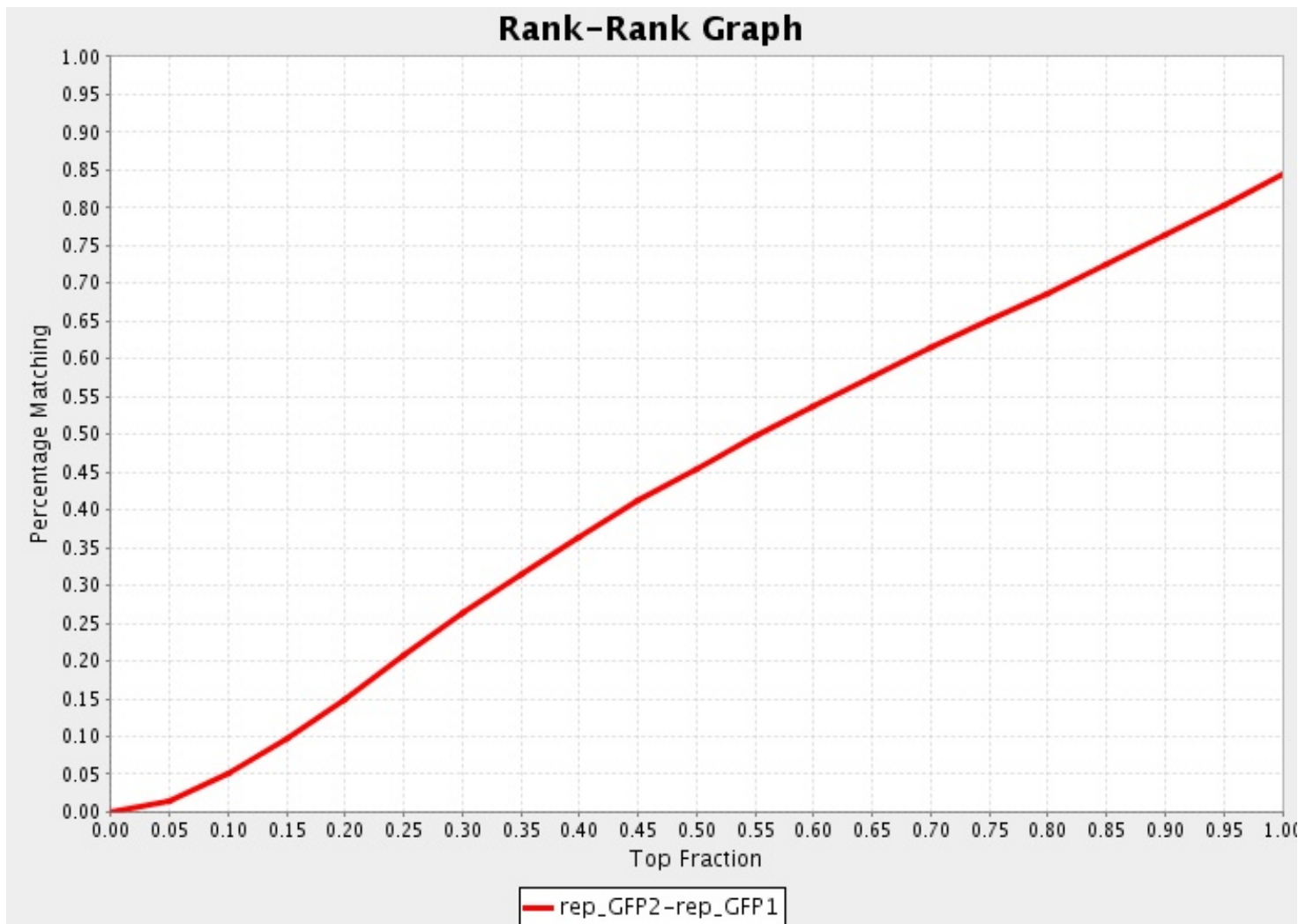
Target List count for rep_GFP1 1115

Absolute Log₂ Ratio 1.6329

Overlap of Target Lists

Top 40.0 % of rep_GFP2 over all 1115 of rep_GFP1 100.00 %

Top 40.0 % of rep_GFP1 over all 1115 of rep_GFP2 99.33 %



rep_EFL_3 verses rep_EFL_1

Mapped Reads

Mapped reads for rep_EFL_3 5761365

Mapped reads for rep_EFL_1 4609331

Absolute Log₂ Ratio 0.3219

Target List

Target List count for rep_EFL_3 3762

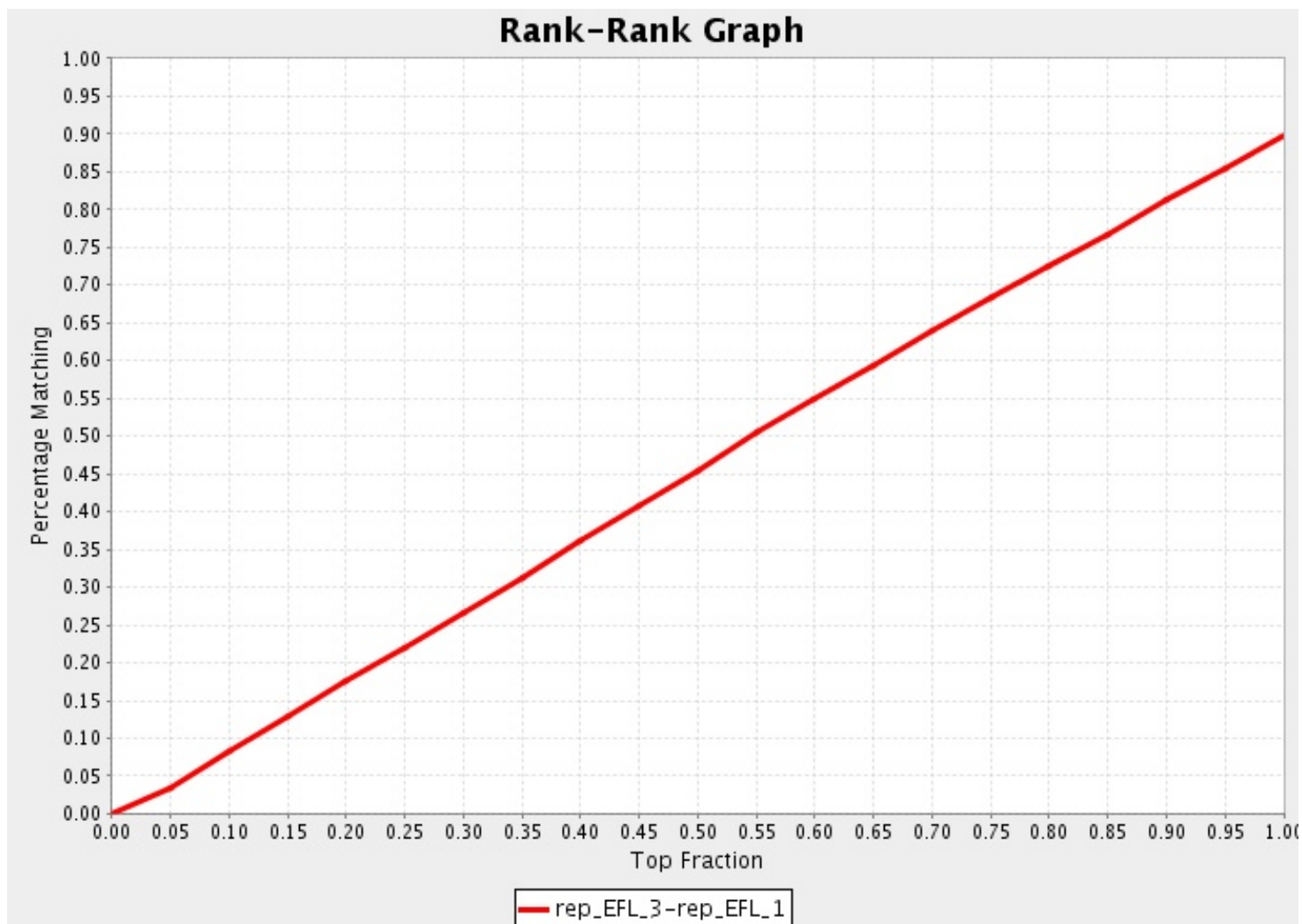
Target List count for rep_EFL_1 2556

Absolute Log₂ Ratio 0.5576

Overlap of Target Lists

Top 40.0 % of rep_EFL_3 over all 2556 of rep_EFL_1 100.00 %

Top 40.0 % of rep_EFL_1 over all 2556 of rep_EFL_3 99.90 %



rep_EFL_3 verses rep_GFP1

Mapped Reads

Mapped reads for rep_EFL_3 5761365

Mapped reads for rep_GFP1 3606627

Absolute Log₂ Ratio 0.6758

Target List

Target List count for rep_EFL_3 3762

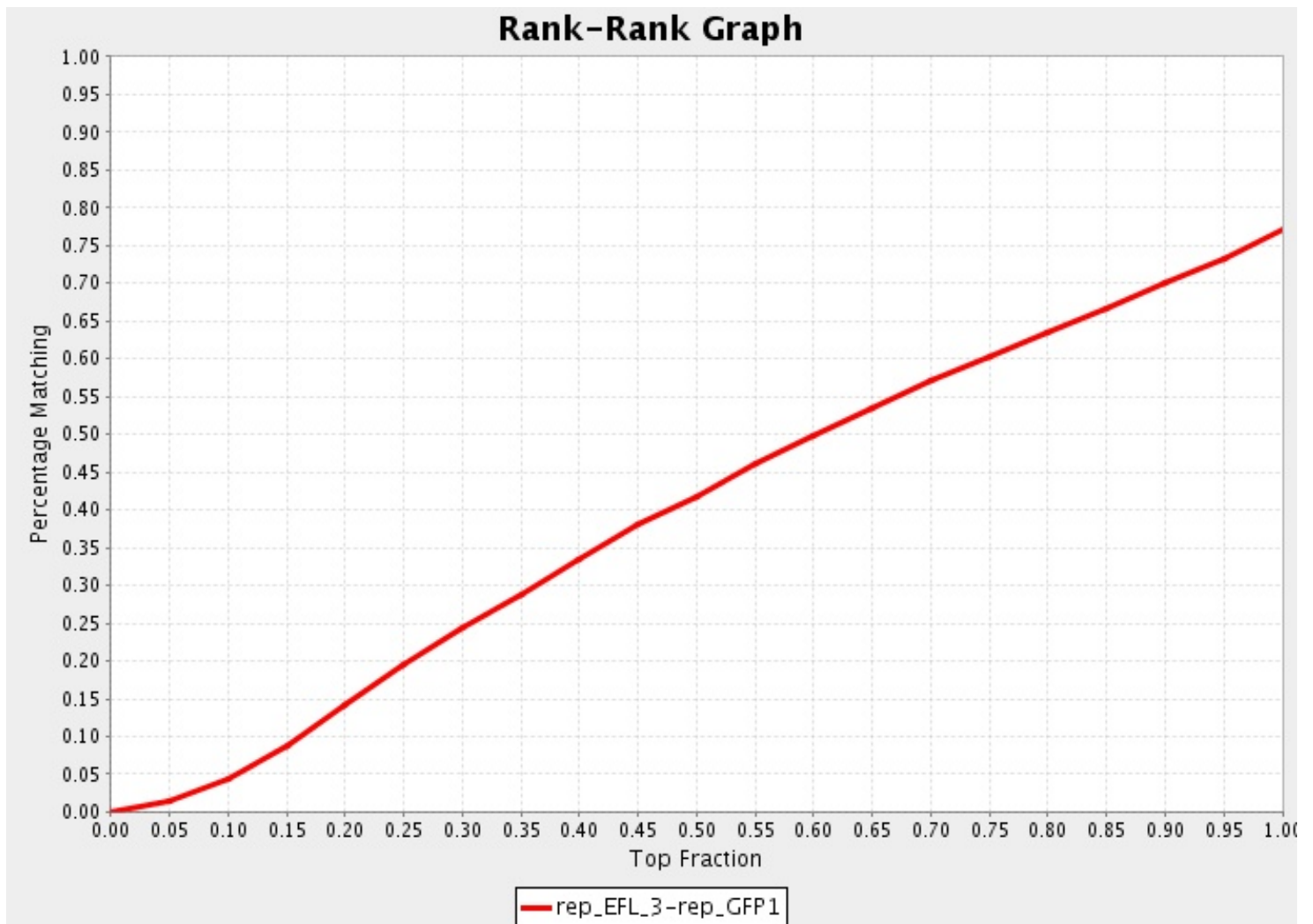
Target List count for rep_GFP1 1115

Absolute Log₂ Ratio 1.7545

Overlap of Target Lists

Top 40.0 % of rep_EFL_3 over all 1115 of rep_GFP1 95.07 %

Top 40.0 % of rep_GFP1 over all 1115 of rep_EFL_3 97.76 %



rep_EFL_1 verses rep_GFP1

Mapped Reads

Mapped reads for rep_EFL_1 4609331

Mapped reads for rep_GFP1 3606627

Absolute Log₂ Ratio 0.3539

Target List

Target List count for rep_EFL_1 2556

Target List count for rep_GFP1 1115

Absolute Log₂ Ratio 1.1968

Overlap of Target Lists

Top 40.0 % of rep_EFL_1 over all 1115 of rep_GFP1 94.17 %

Top 40.0 % of rep_GFP1 over all 1115 of rep_EFL_1 97.53 %

