Top row — stacked bar charts:

ALG contribution to Cgig:NC_047566.1 — Sum Jaccard — legend: ALG001, ALG014

ALG contribution to Cgig:NC_047568.1 — Sum Jaccard — legend: ALG002, ALG011, ALG020, ALG025

ALG contribution to Cgig:NC_047559.1 — Sum Jaccard — legend: ALG003, ALG005, ALG007, ALG014, ALG017

ALG contribution to Cgig:NC_047567.1 — Sum Jaccard — legend: ALG002, ALG004

Middle row — Jaccard line plots:

ALG contribution to Cgig:NC_047566.1 — Jaccard — legend: ALG001, ALG014
Pearson's Chi-squared test p = 6.22E−02 (9 non-overlapping bins)
p = 3.70E−04 (87 overlapping bins)

ALG contribution to Cgig:NC_047568.1 — Jaccard — legend: ALG002, ALG011, ALG020, ALG025
Pearson's Chi-squared test p = 4.11E−08 (12 non-overlapping bins)
p = 1.58E−49 (120 overlapping bins)

ALG contribution to Cgig:NC_047559.1 — Jaccard — legend: ALG003, ALG005, ALG007, ALG014, ALG017
Pearson's Chi-squared test p = 2.08E−01 (10 non-overlapping bins)
p = 7.06E−02 (94 overlapping bins)

ALG contribution to Cgig:NC_047567.1 — Jaccard — legend: ALG002, ALG004
Pearson's Chi-squared test p = 9.80E−01 (4 non-overlapping bins)
p = 9.04E−01 (38 overlapping bins)

Bottom row — log2(O/E) line plots:

ALG contribution to Cgig:NC_047566.1 — log2(O/E) — Mb

ALG contribution to Cgig:NC_047568.1 — log2(O/E) — Mb

ALG contribution to Cgig:NC_047559.1 — log2(O/E) — Mb

ALG contribution to Cgig:NC_047567.1 — log2(O/E) — Mb

ALG contribution to Cgig:NC_047565.1

ALG contribution to Cgig:NC_047564.1

ALG contribution to Cgig:NC_047561.1

ALG contribution to Cgig:NC_047560.1

Pearson's Chi-squared test p = 2.77E−02 (13 non−overlapping bins)
p = 8.10E−05 (122 overlapping bins)

Pearson's Chi-squared test p = 8.76E−05 (12 non−overlapping bins)
p = 9.14E−34 (118 overlapping bins)

Pearson's Chi-squared test p = 3.27E−02 (12 non−overlapping bins)
p = 3.13E−08 (117 overlapping bins)

ALG contribution to Cgig:NC_047562.1

ALG contribution to Cgig:NC_047563.1

Pearson's Chi-squared test p = 1.24E−01 (9 non−overlapping bins)
p = 1.73E−05 (86 overlapping bins)
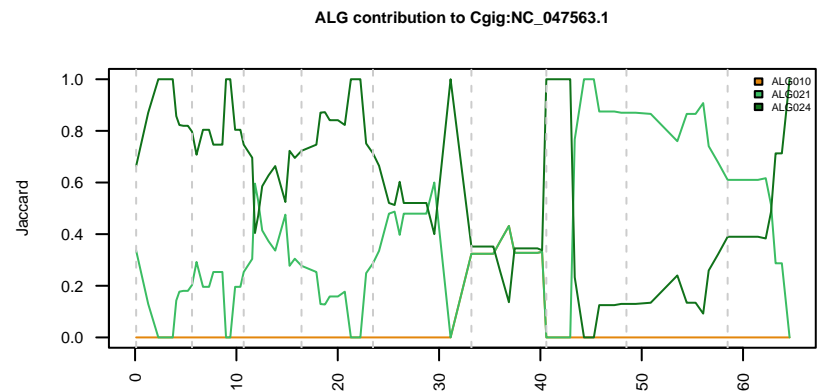
Pearson's Chi-squared test p = 2.72E−01 (9 non−overlapping bins)
p = 4.58E−05 (88 overlapping bins)