**Supplementary Figure S3.** Variant profiles for the 22 most male-biased satDNAs against their respective consensus sequences, arranged by most to least male-biased of the list according to the ratio quotient for F/M ratio. Topmost profiles correspond to the female copies and bottom profiles to the male ones for each satDNA. Divergence and abundance values for each selected satDNA are also specified. F = female; M = male.

MelSat124-53
Divergence: F = 7.11% / M = 6.27%
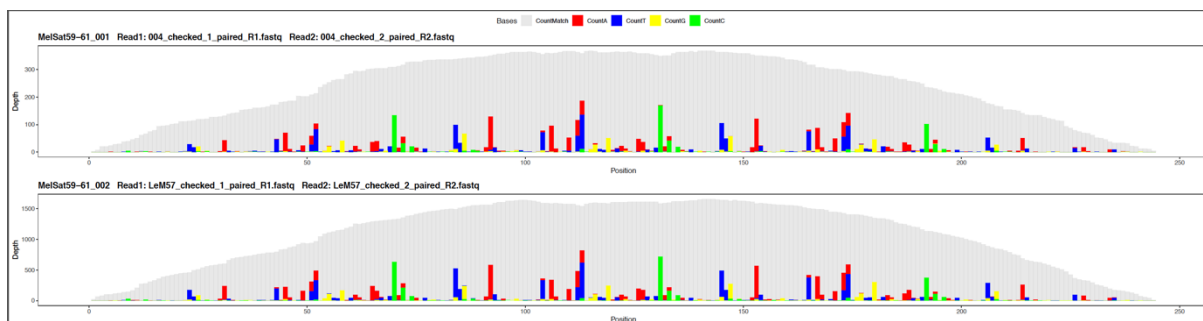Abundance: F = 0.0041% / M = 0.0252%
F/M ratio = 0.163
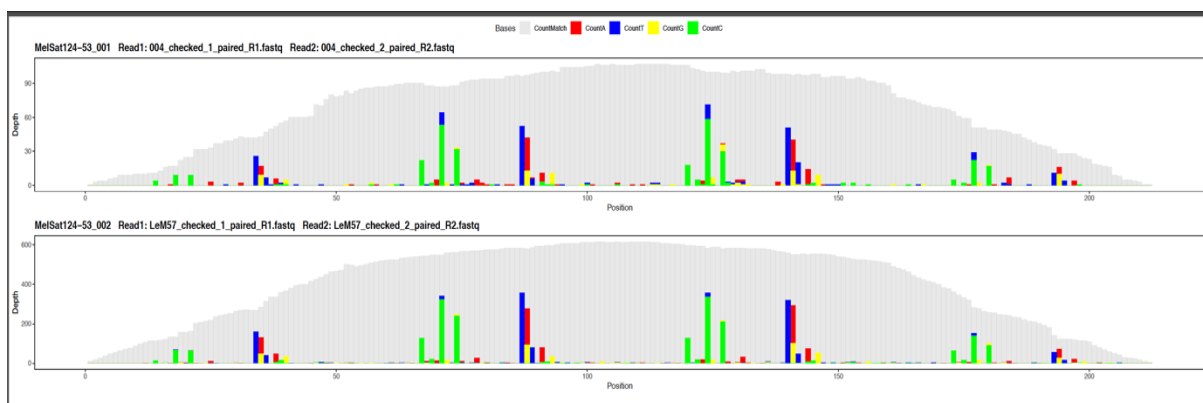
MelSat59-61
Divergence: F = 7.77% / M = 7.43%
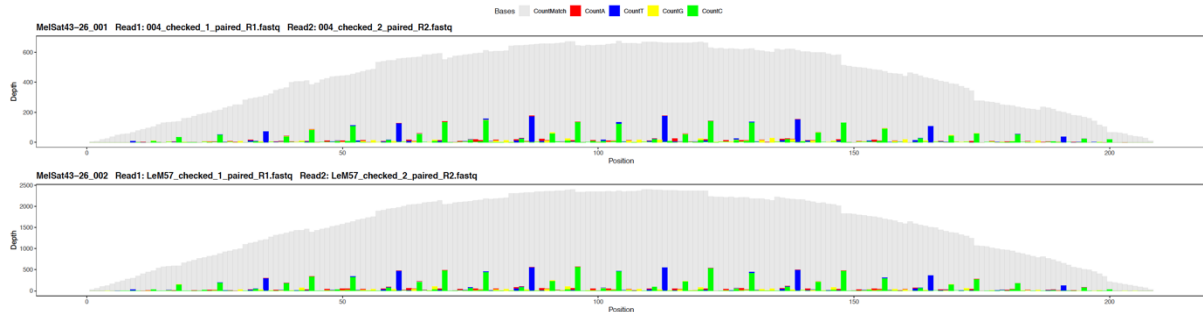Abundance: F = 0.0197% / M = 0.0962%
F/M ratio = 0.204

MelSat43-26
Divergence: F = 7.26% / M = 6.81%
Abundance: F = 0.0262% / M = 0.1059%
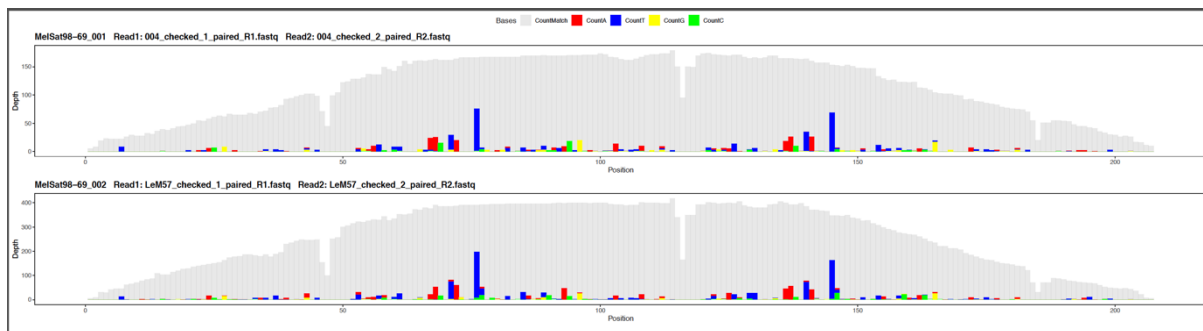F/M ratio = 0.247

MelSat98-69
Divergence: F = 3.9% / M = 3.9%
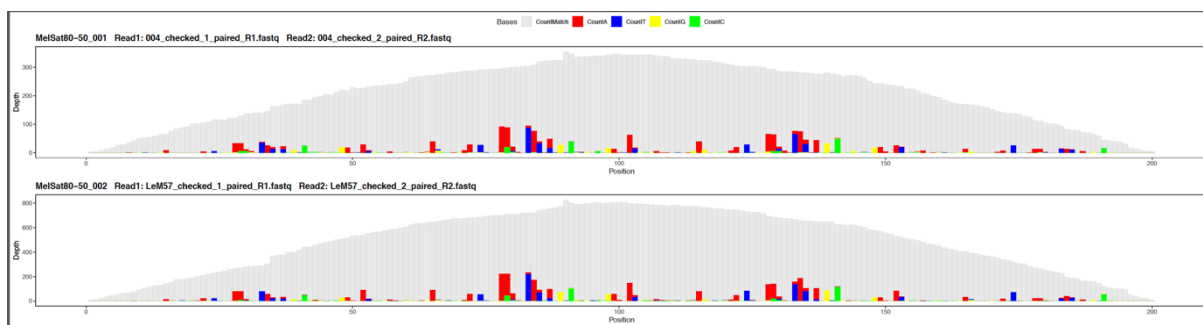Abundance: F = 0.0065% / M = 0.0169%
F/M ratio = 0.385

MelSat80-50
Divergence: F = 5.4% / M = 5.21%
Abundance: F = 0.0125% / M = 0.0307%
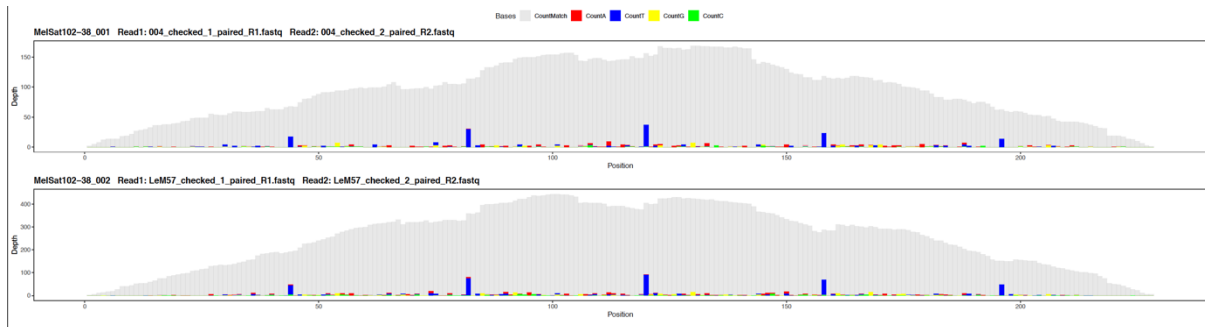F/M ratio = 0.408

MelSat102-38

Divergence: F = 3.41% / M = 2.75%

Abundance: F = 0.0062% / M = 0.0150%
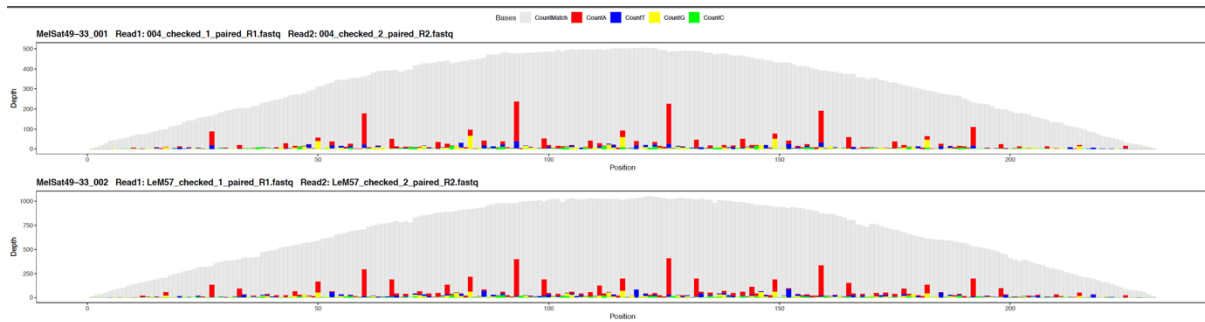
F/M ratio = 0.415

MelSat49-33

Divergence: F = 7% / M = 7%

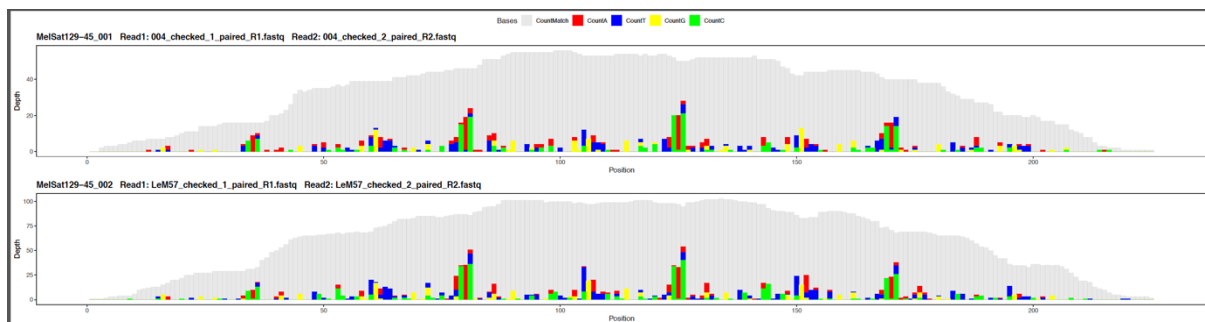Abundance: F = 0.0241% / M = 0.0571%

F/M ratio = 0.422

MelSat129-45

Divergence: F = 9.5% / M = 9.41%
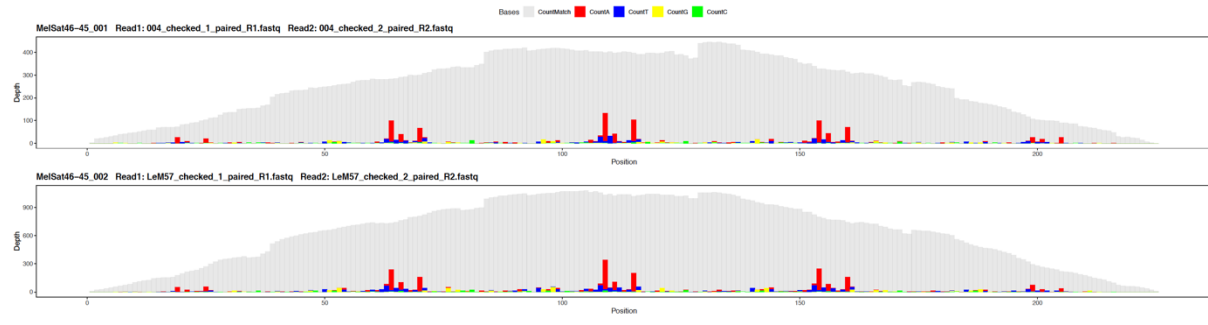
Abundance: F = 0.0030% / M = 0.0064%

F/M ratio = 0.468

MelSat46-45

Divergence: F = F = 6% / M = 4.9%

Abundance: F = 0.0248% / M = 0.0516%
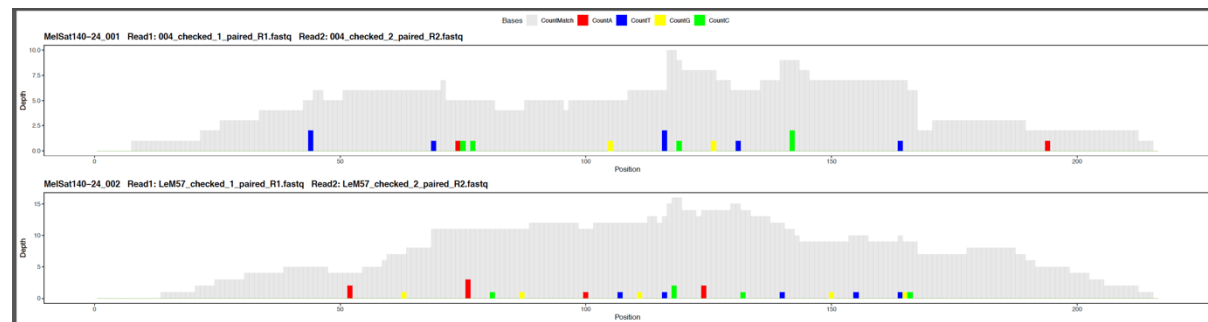
F/M ratio = 0.479

MelSat140-24

Divergence: F = 6% / M = 10%

Abundance: F = 0.0005% / M = 0.0010%

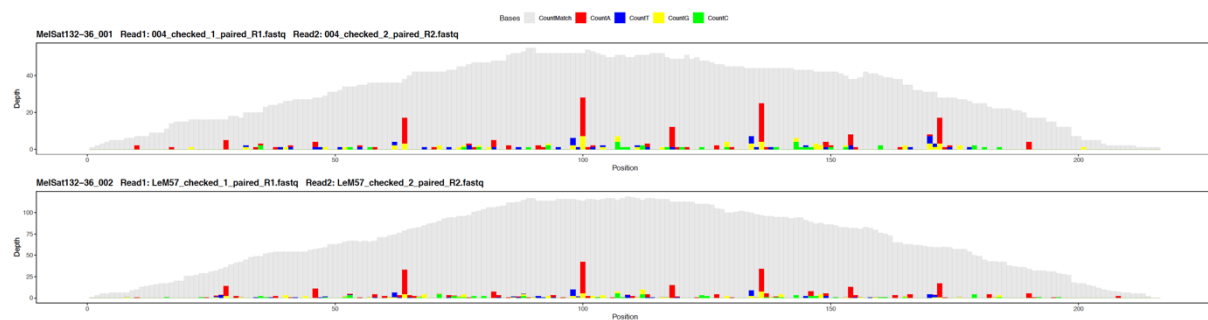F/M ratio = 0.496

MelSat132-36

Divergence: F =5.49% / M = 4.74%

Abundance: F = 0.0023% / M = 0.0045%
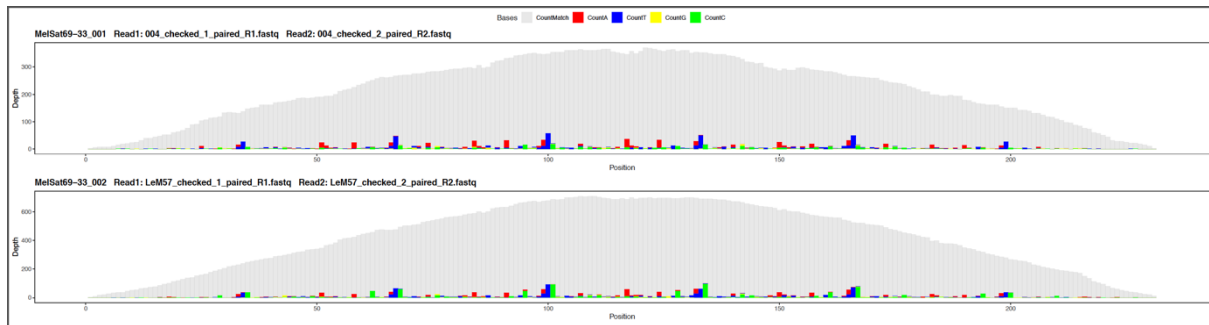
F/M ratio = 0.503

MelSat69-33
Divergence: F = 4.68% / M = 4.15%
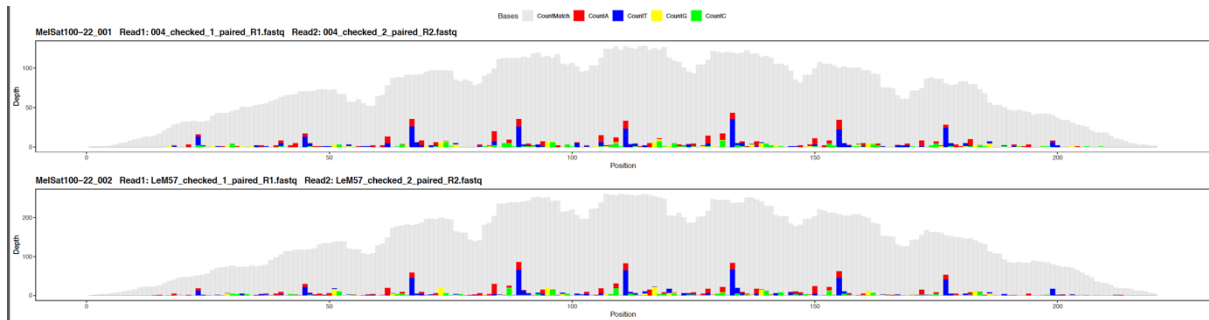Abundance: F = 0.0149% / M = 0.0287%
F/M ratio = 0.519

MelSat100-22
Divergence: F = 8.22% / M = 7.64%
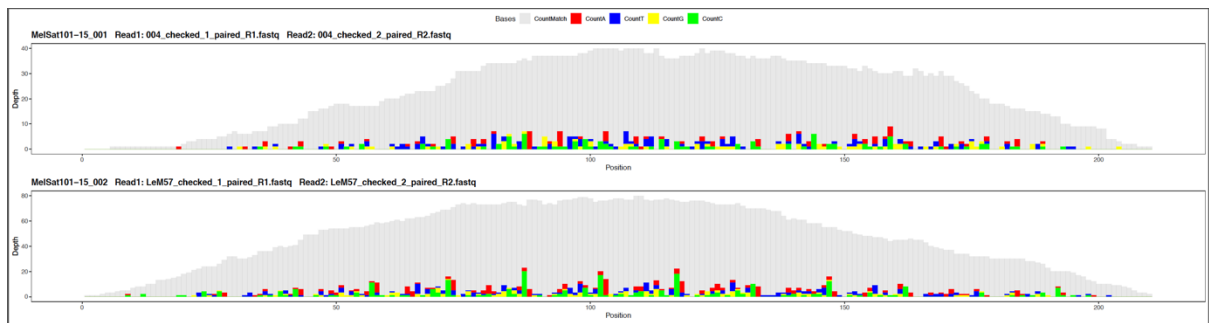Abundance: F = 0.0063% / M = 0.0116%
F/M ratio = 0.542

MelSat101-15
Divergence: F = 15.4% / M = 14.91%
Abundance: F = 0.0063% / M = 0.0114%
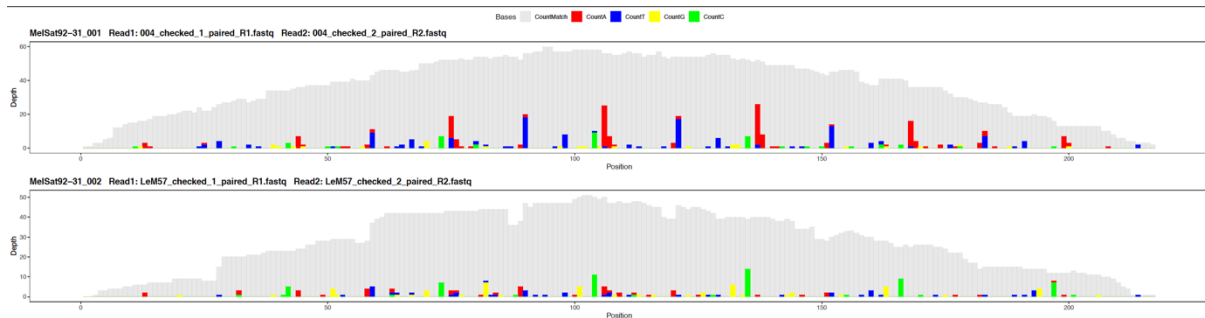F/M ratio = 0.551

MelSat92-31
Divergence: F = 8.58%/ M = 7.76%
Abundance: F = 0.0082% / M = 0.0146%
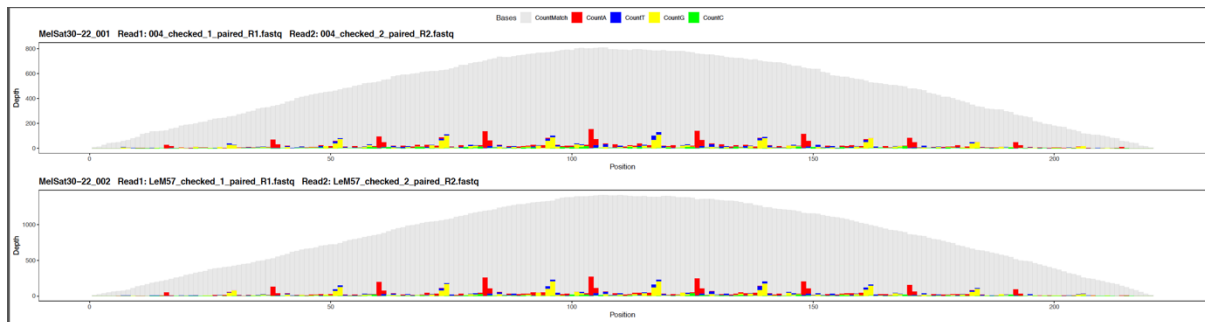F/M ratio = 0.561

MelSat30-22
Divergence: F = 6.54% / M = 6%
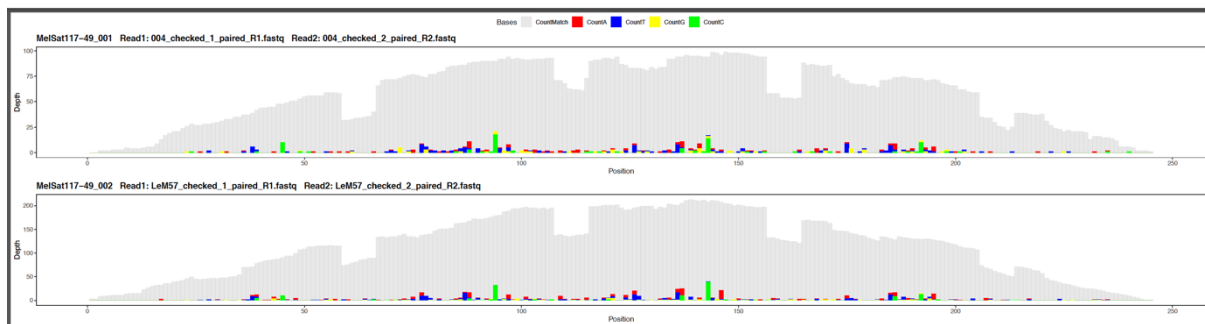Abundance: F = 0.0353% / M = 0.0626%
F/M ratio = 0.564

MelSat117-49
Divergence: F = 5.41% / M = 4.58%
Abundance: F = 0.0048% / M = 0.0085%
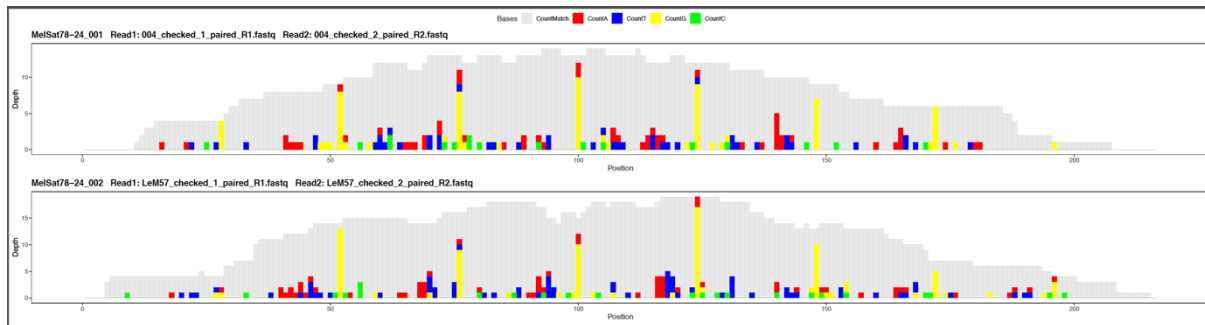F/M ratio = 0.567

MelSat78-24
Divergence: F = 21.86% / M = 20.15%
Abundance: F = 0.0137% / M = 0.0237%
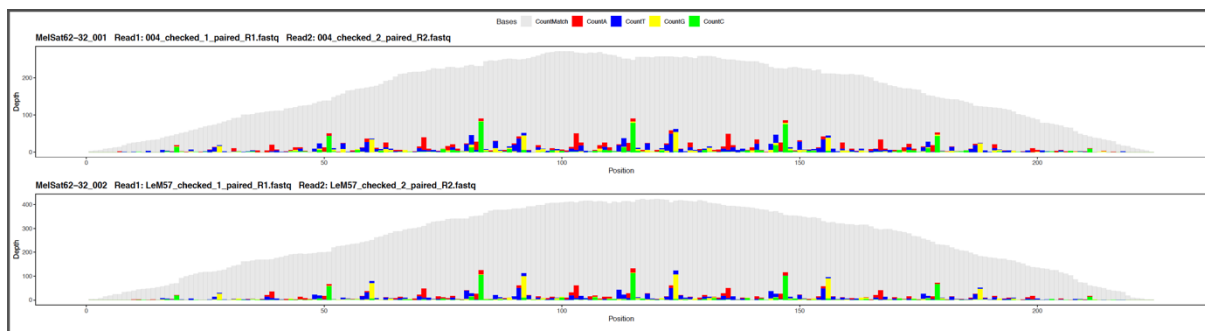F/M ratio = 0.580

MelSat62-32
Divergence: F = 11.86% / M = 10.84%
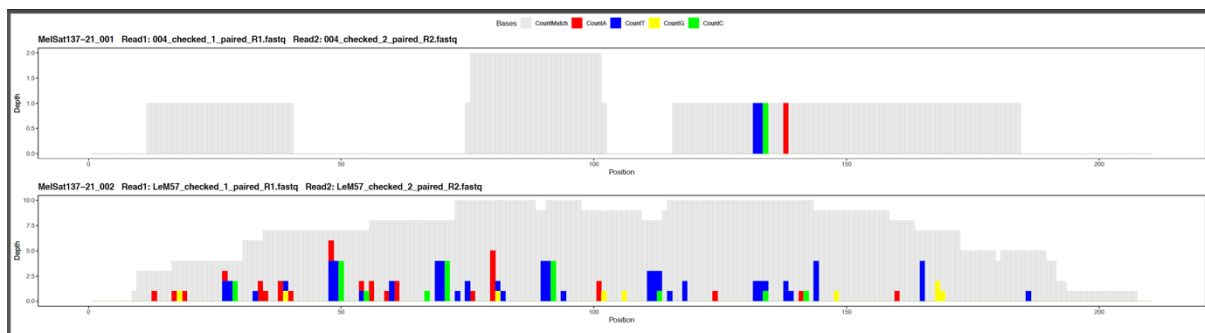Abundance: F = 0.0187% / M = 0.0321%
F/M ratio = 0.581

MelSat137-21
Divergence: F = 16.08% / M = 14.23%
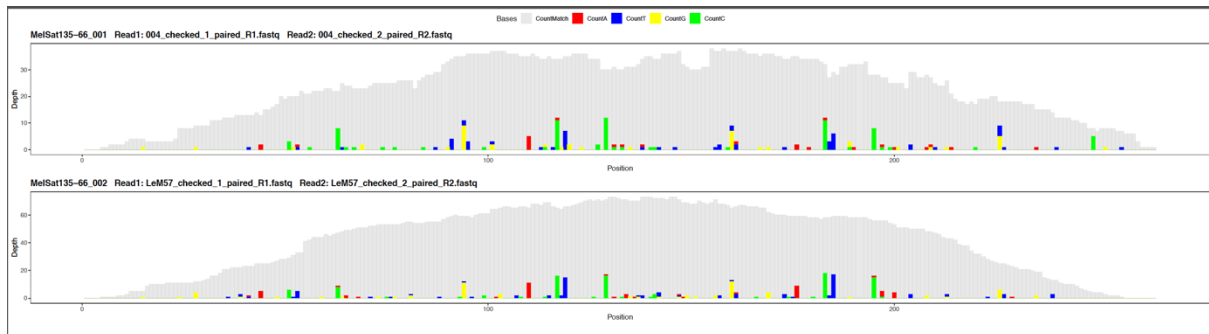Abundance: F = 0.0020% / M = 0.0034%
F/M ratio = 0.6034

MelSat135-66

Divergence: F = 6.2% / M = 4.44%

Abundance: F = 0.0020% / M = 0.0034%
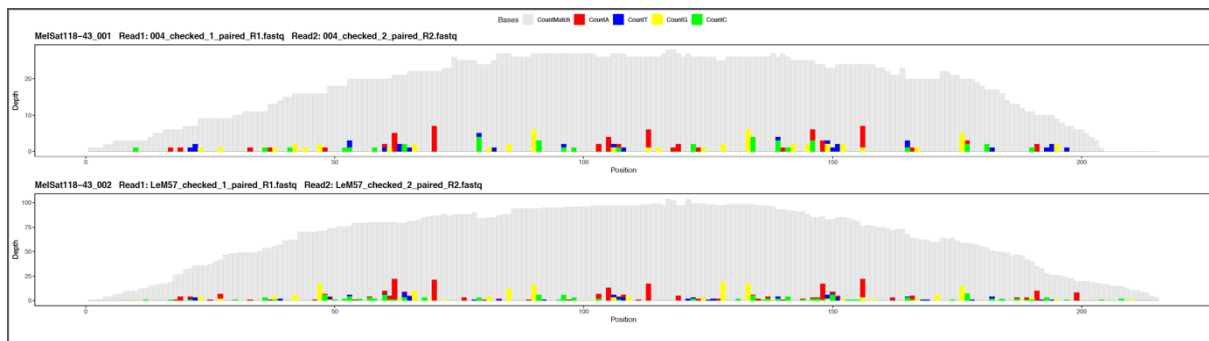
F/M ratio = 0.6039

MelSat118-43

Divergence: F =25.82% / M = 16.21%

Abundance: F = 0.0046% / M = 0.0073%

F/M ratio = 0.633

MelSat48-29

Divergence: F = 16% / M = 14%

Abundance: F = 0.0243% / M = 0.0382%

F/M ratio = 0.636