Supplementary Figure 2

CDS pairs not flanking repeats

SBW25

- 17% Tail-Tail or Tail-repeat-Tail
- 11% Tail-Head or Tail-repeat-Head (leading strand)
- 34% Tail-Head or Tail-repeat-Head (reverse strand)
- 38% Head-Head or Head-repeat-Head

p-value < 0.0005

CDS pairs flanking repeats

SBW25

- 4% Tail-Tail or Tail-repeat-Tail
- 27% Tail-Head or Tail-repeat-Head (leading strand)
- 24% Tail-Head or Tail-repeat-Head (reverse strand)
- 45% Head-Head or Head-repeat-Head

p-value < 0.0005

Pf0-1

- 16% Tail-Tail or Tail-repeat-Tail
- 15% Tail-Head or Tail-repeat-Head (leading strand)
- 36% Tail-Head or Tail-repeat-Head (reverse strand)
- 33% Head-Head or Head-repeat-Head

p-value < 0.016

Pf-5

- 16% Tail-Tail or Tail-repeat-Tail
- 14% Tail-Head or Tail-repeat-Head (leading strand)
- 37% Tail-Head or Tail-repeat-Head (reverse strand)
- 33% Head-Head or Head-repeat-Head

p-value < 0.0005
Supplementary Figure 3

a)

b)

Legend:
- Red: Tail-Tail or Tail-repeat-Tail
- Blue: Tail-Head or Tail-repeat-Head (leading strand)
- Yellow: Tail-Head or Tail-repeat-Head (reverse strand)
- Green: Head-Head or Head-repeat-Head