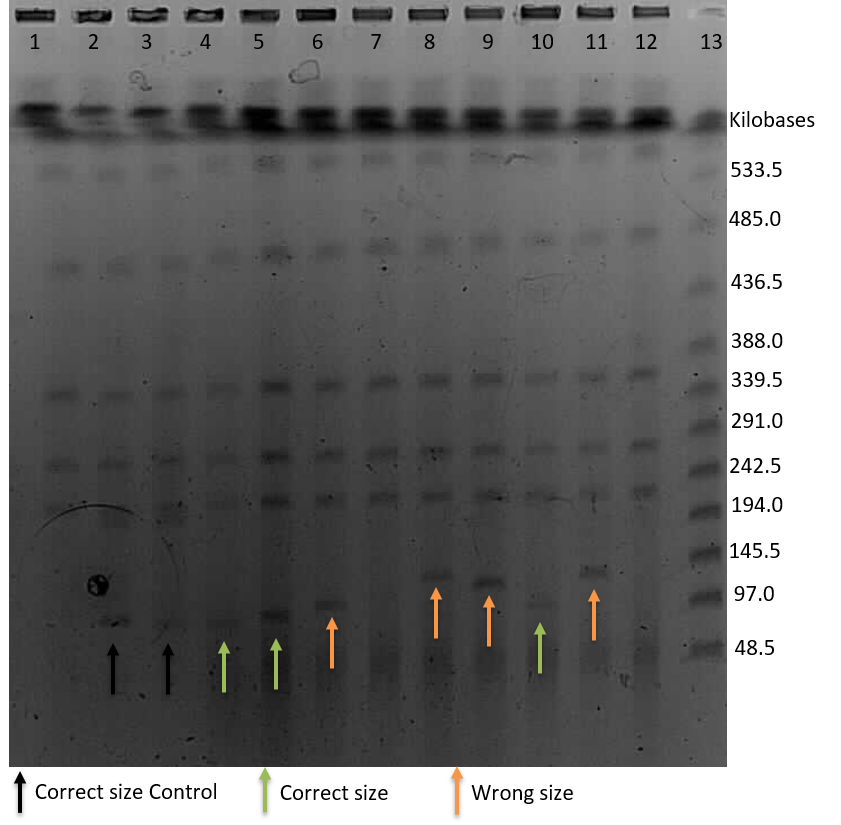
## Supplementary Figure - Separation of the test linear neochromosomes on pulsed-field electrophoresis

**A.** 1) IMX1338: control strain without neochromosome. 2) IMF6: control strain with 100 kb in plug linearized neochromosome NeoChr1. 3) IMF23: strain with 100 kb in plug linearized NeoChr12. 4) NeoChr10.10: correct size. 5)NeoChr10.13: correct size. 6) NeoChr10.16: wrong size. 7) NeoChr11.7: no visible neochromosome. 8) NeoChr11.8: wrong size. 9) NeoChr11.12: wrong size. 10) NeoChr11.19: correct size. 11)NeoChr11.22: wrong size. 12) NeoChr11.26: no visible neochromosome. 13) Size ladder



**B.** 1) IMX1338: control strain without neochromosome. 2) IMF6: control strain with 100 kb in plug linearized neochromosome (NeoChr1). 3) NeoChr10.30: no visible neochromosome. 4) NeoChr10.47: correct size. 5)NeoChr10.54: correct size. 6) NeoChr10.60: no visible neochromosome. 7) NeoChr10.62: correct size. 8) NeoChr10.67: correct size. 9) NeoChr10.69: correct size. 10) NeoChr11.29: no visible neochromosome. 11) NeoChr11.34: wrong size. 12) Size ladder

