Figure S5 page 1

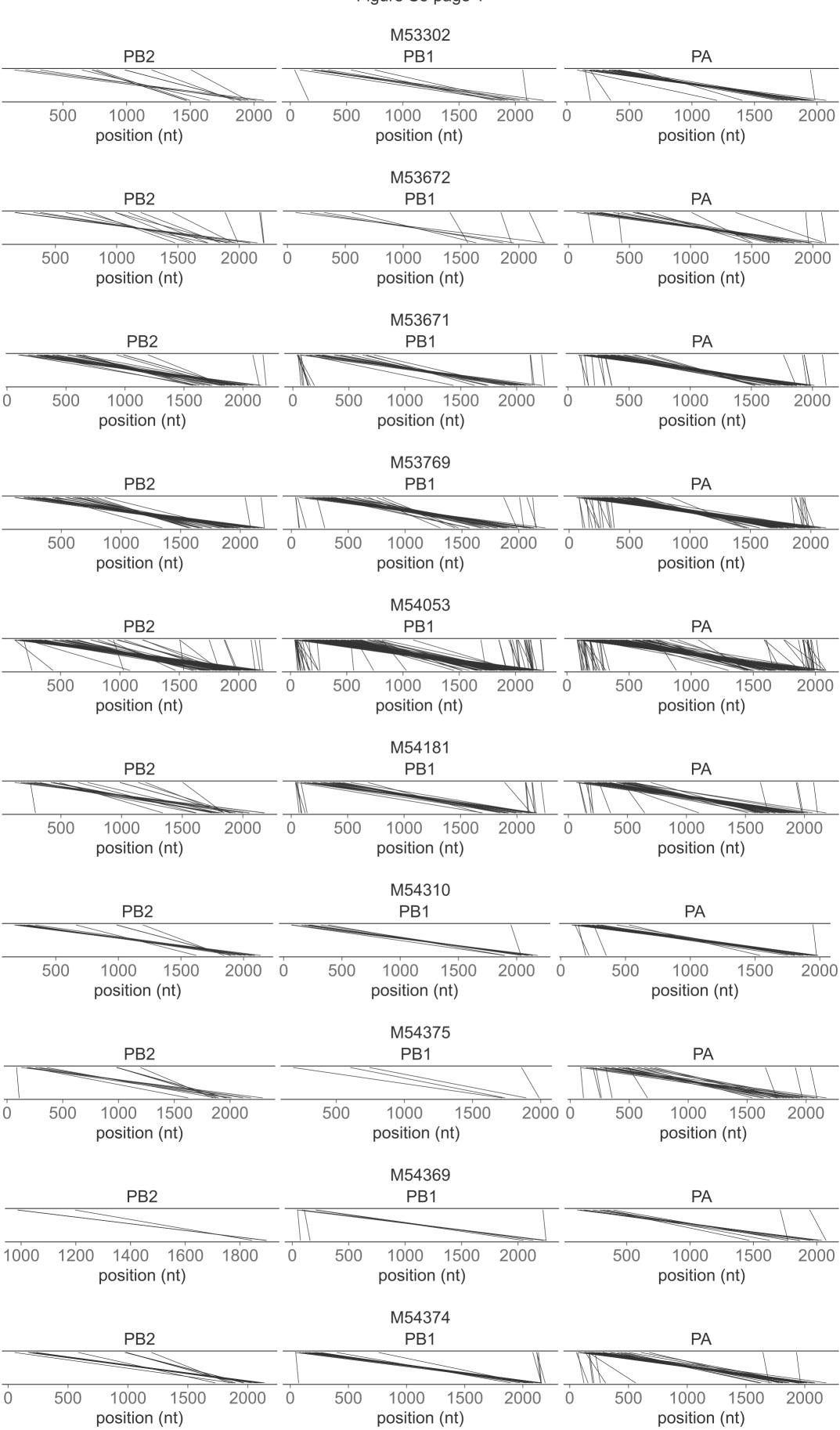


Figure S5 page 2

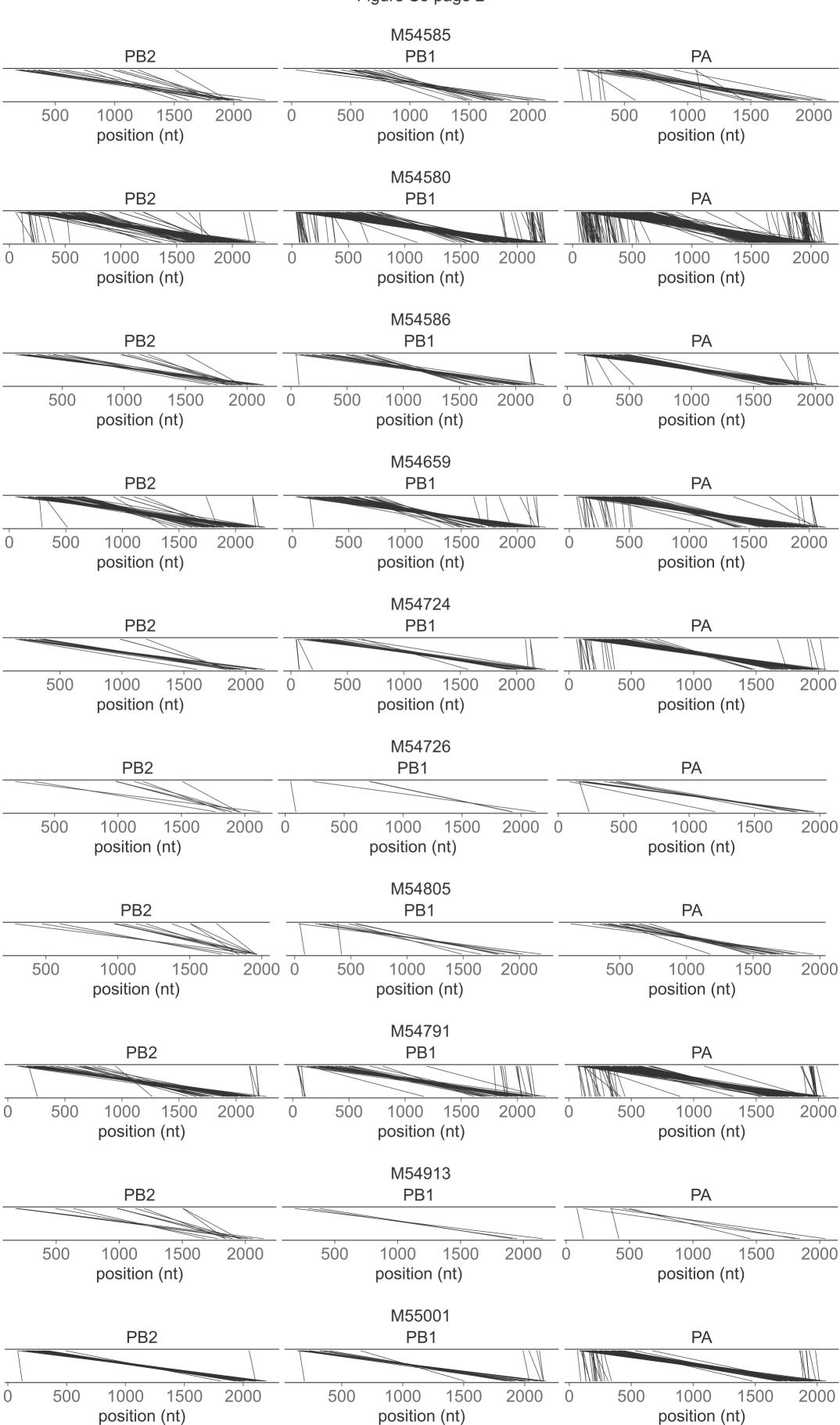


Figure S5 page 3

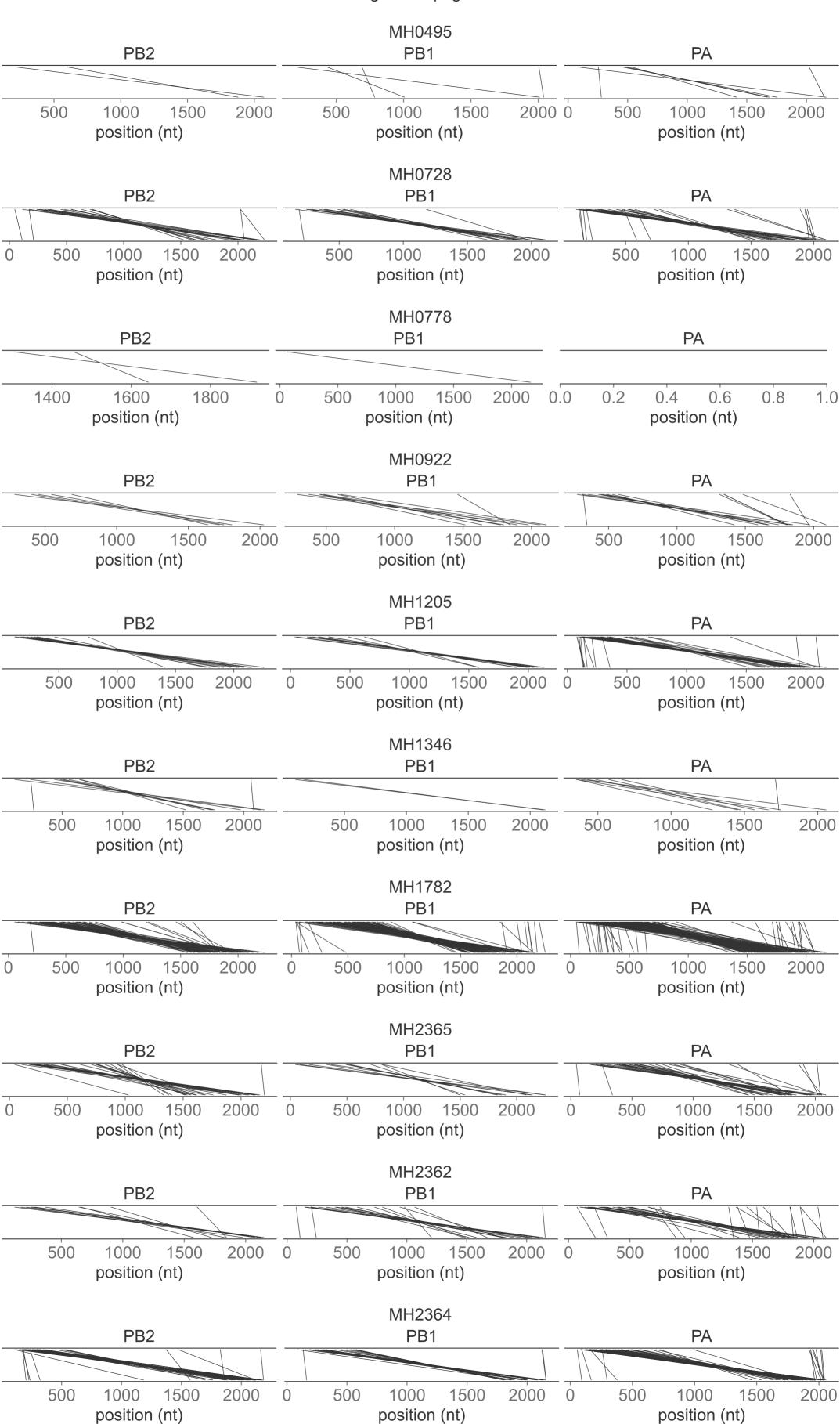


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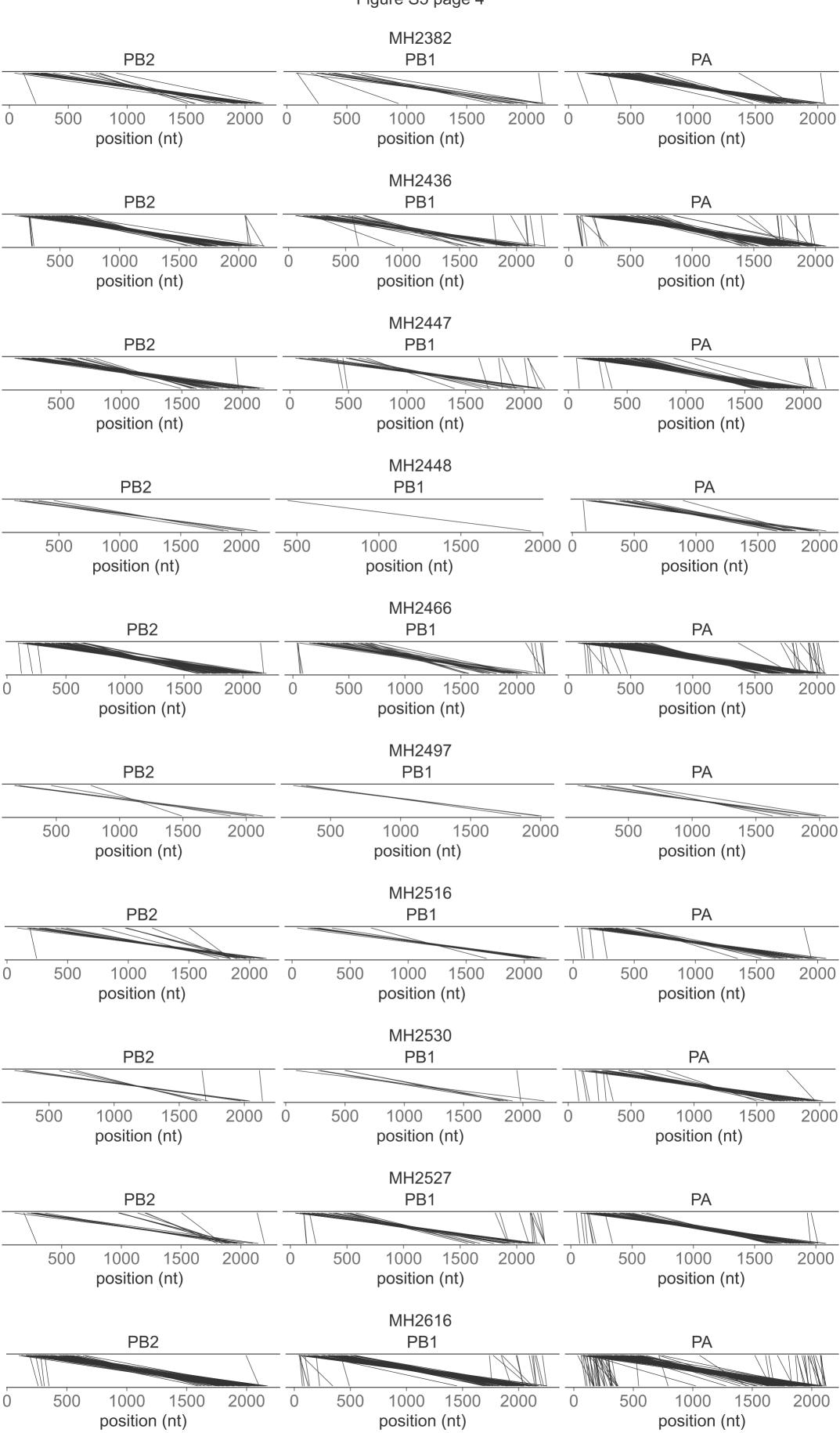


Figure S5 page 5

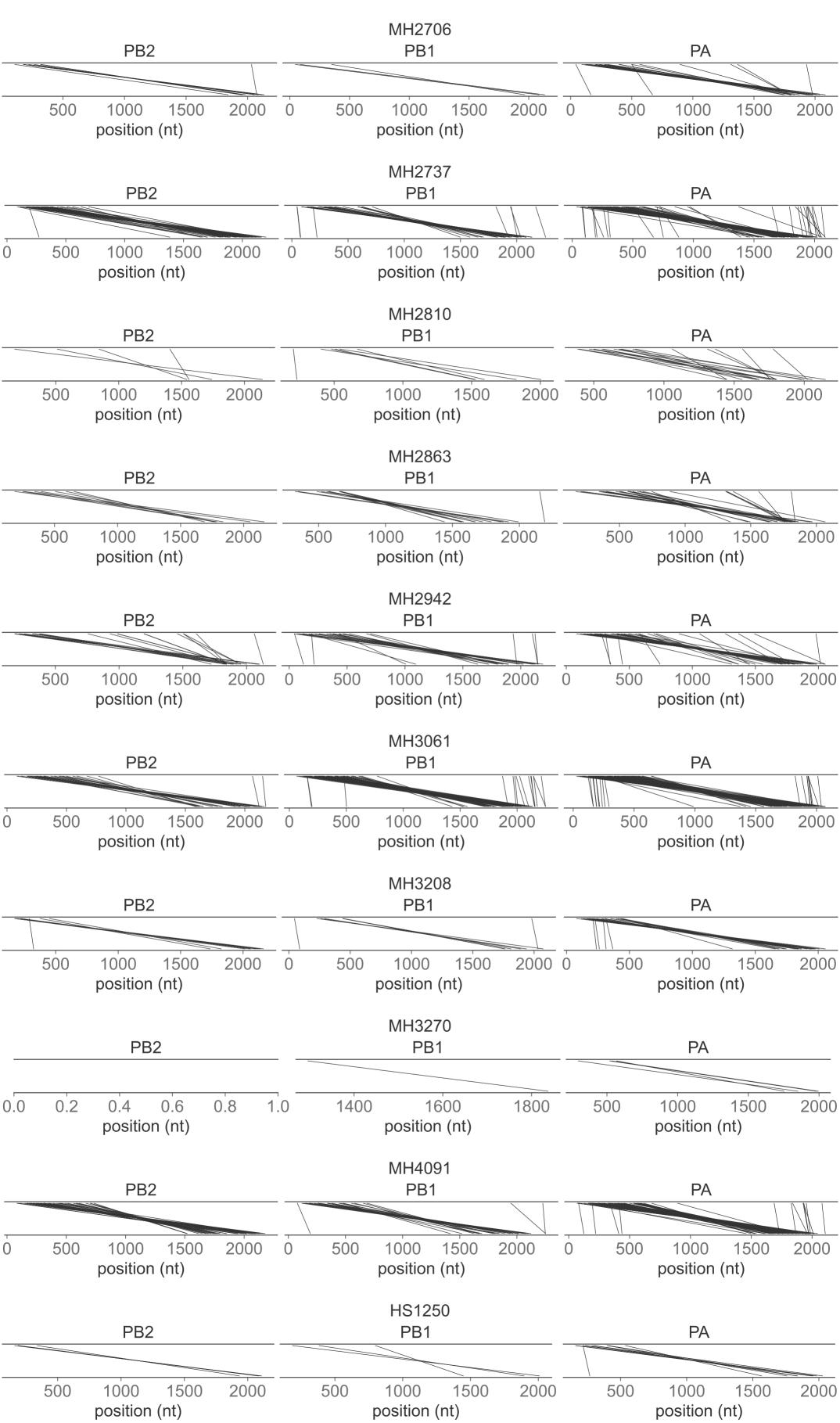


Figure S5 page 6

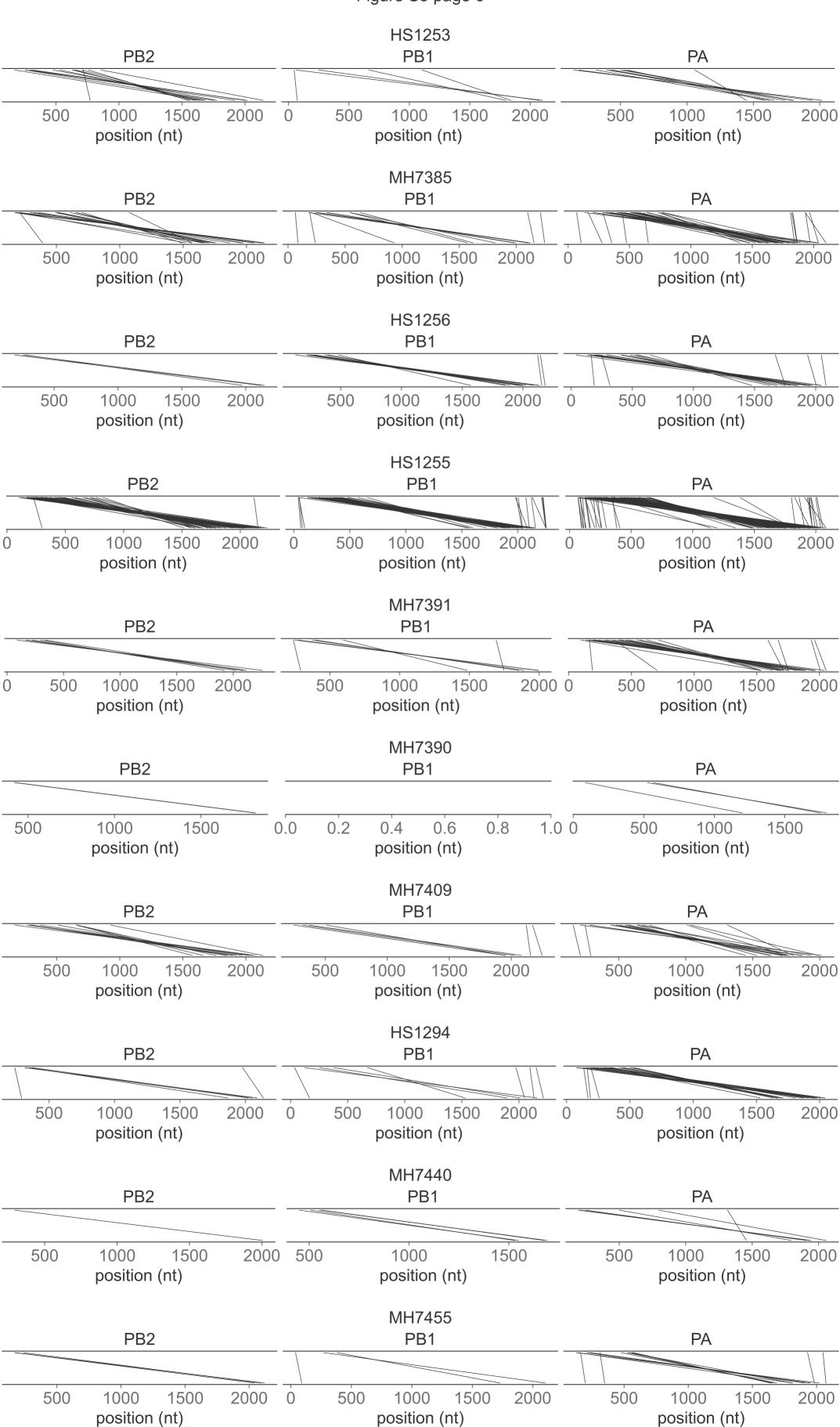


Figure S5 page 7 HS1284 PB2 PB1 PA 2000 1000 1500 500 1000 500 1000 1500 2000 0 500 2000 1500 position (nt) position (nt) position (nt) MH7492 PB2 PA PB1 2000 500 500 1500 1000 1500 500 1000 1500 2000 1000 position (nt) position (nt) position (nt) HS1313 PB2 PA PB1 0.0 0.2 0.8 1500 0.4 0.6 1.0 500 1000 2000 500 1000 1500 2000 position (nt) position (nt) position (nt) MH7505 PB2 PB1 PA 1500 1000 1500 500 1000 1500 2000 500 2000 0 500 1000 2000 0 position (nt) position (nt) position (nt) HS1336 PB2 PB1 PA 2000 500 1000 500 1000 1500 500 1000 1500 1500 2000 2000 position (nt) position (nt) position (nt) MH7520 PB2 PA PB1 1500 500 2000 500 1000 1500 2000 0 1000 1000 0 500 1500 2000 position (nt) position (nt) position (nt) MH7564 PB2 PB1 PA 500 500 500 1000 1000 1500 2000 1500 2000 1000 1500 2000 position (nt) position (nt) position (nt) HS1367 PB2 PB1 PA 500 1000 1500 500 1000 1500 2000 2230 2240 2250 2000 position (nt) position (nt) position (nt) MH7565 PB2 PB1 PA 500 1000 1500 2000 800 1000 1200 1400 1600 500 1000 1500 2000 position (nt) position (nt) position (nt) HS1335 PB2 PB1 PA

500

0

1500

1000

position (nt)

2000

0

500

1000

position (nt)

1500

2000 0

500

1000

position (nt)

1500

2000

Figure S5 page 8

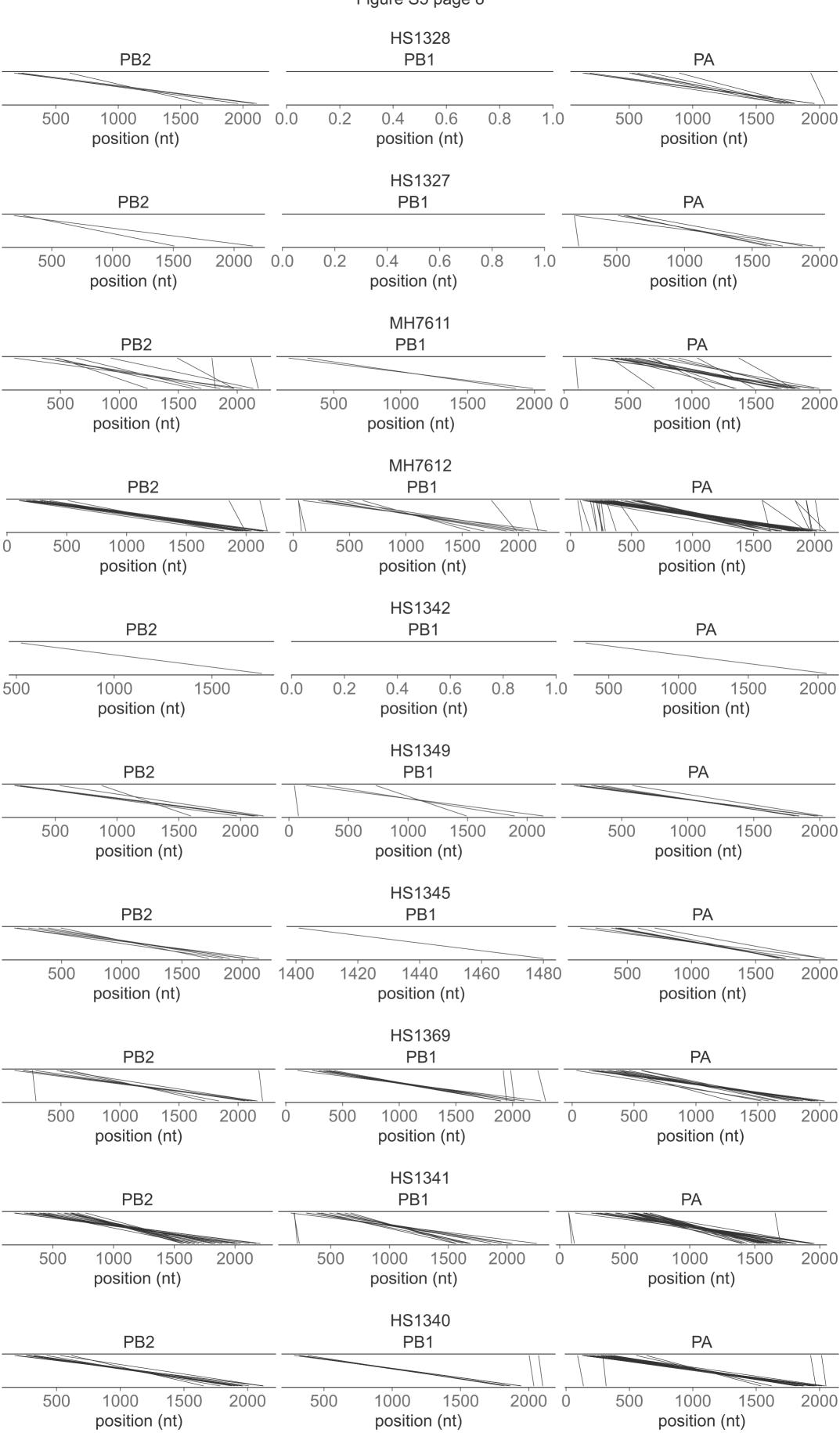


Figure S5 page 9

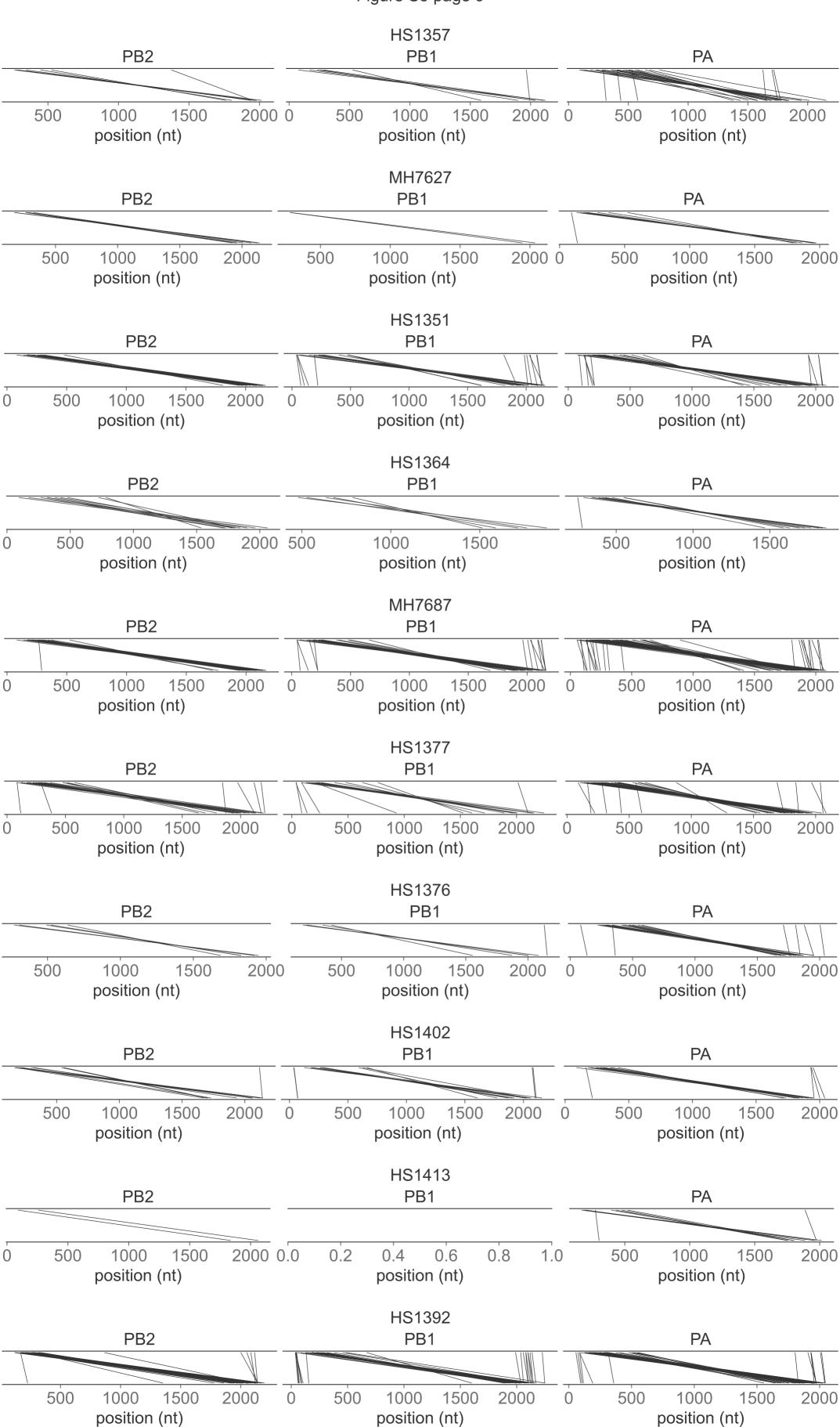


Figure S5 page 10

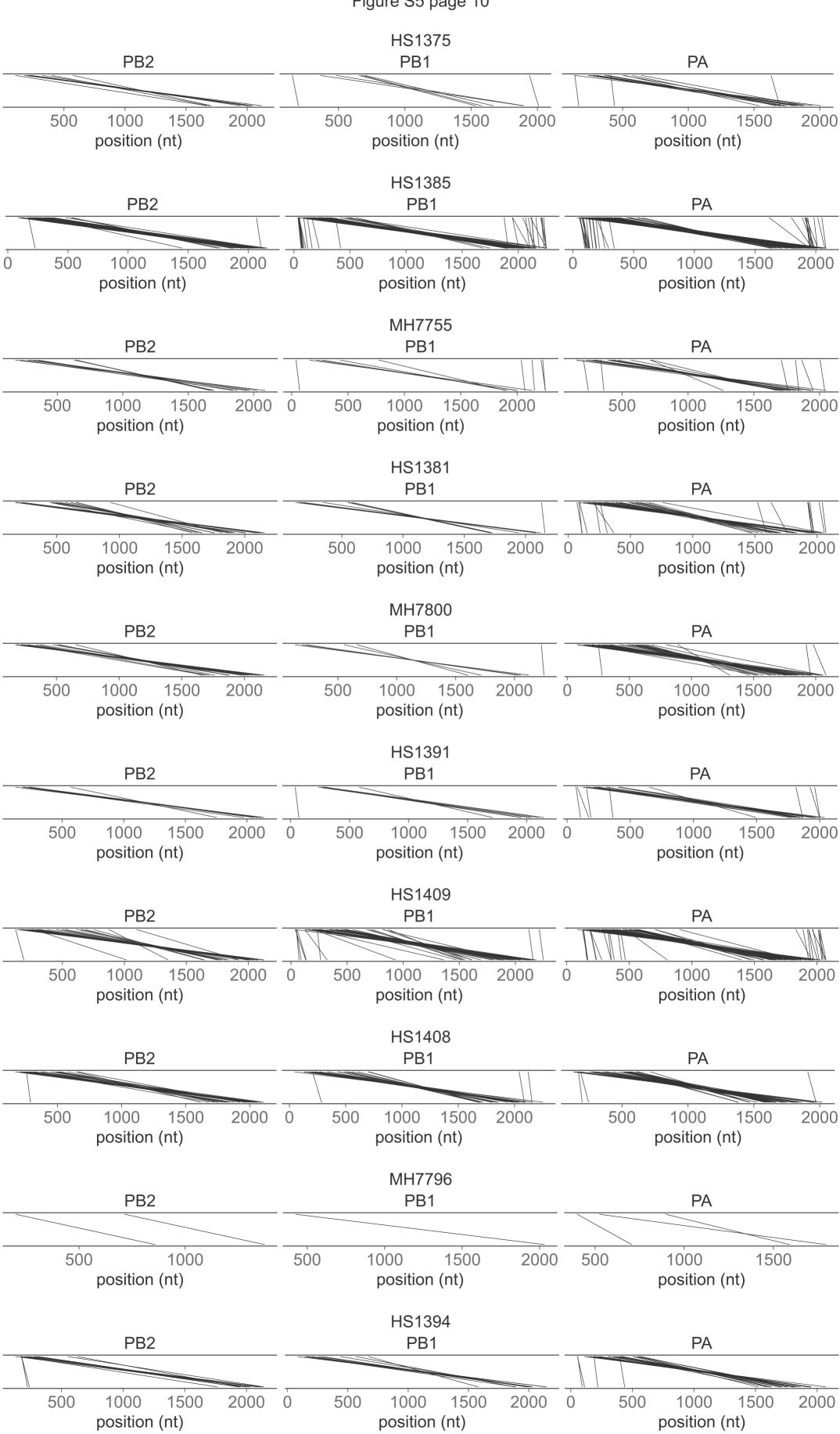


Figure S5 page 11

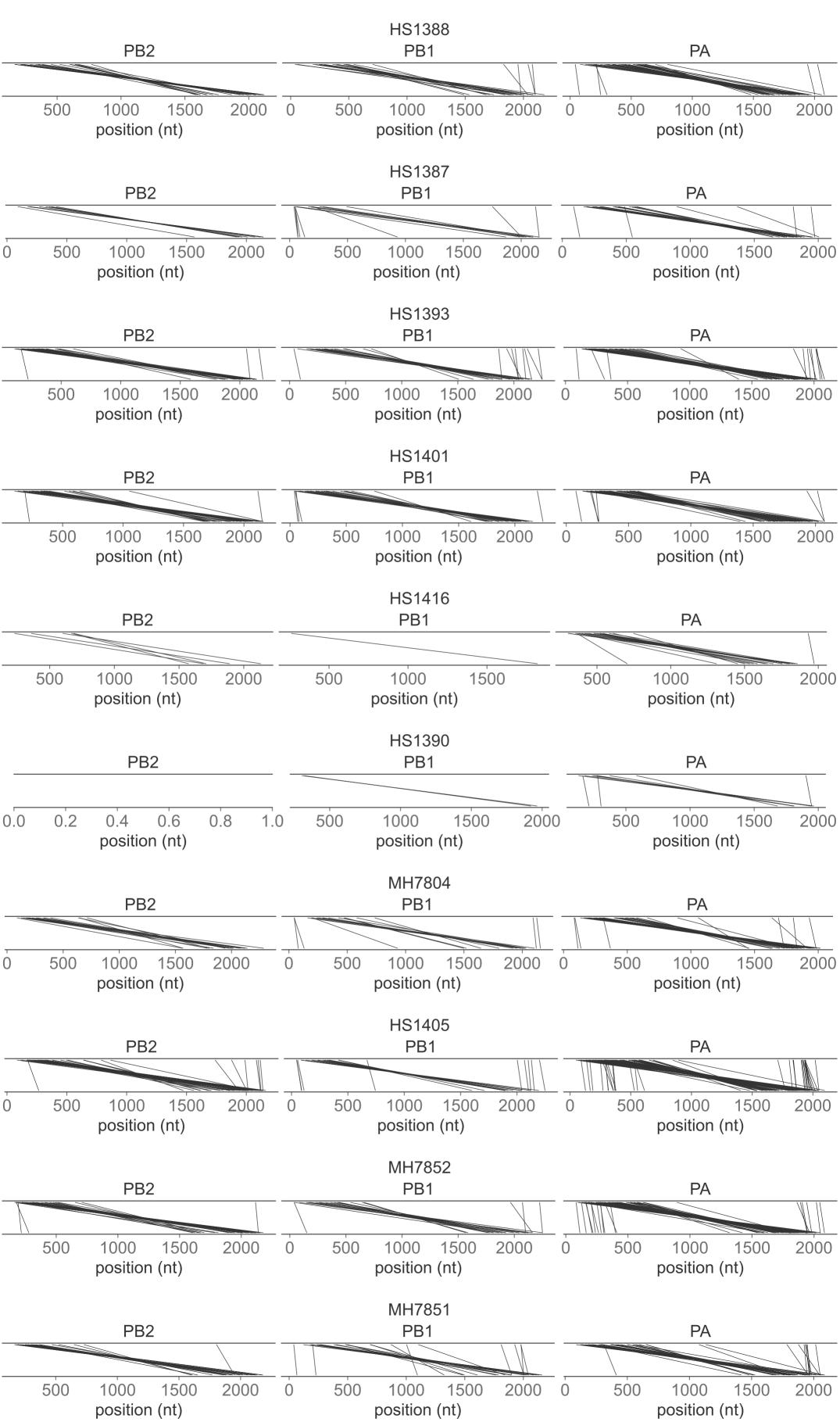


Figure S5 page 12

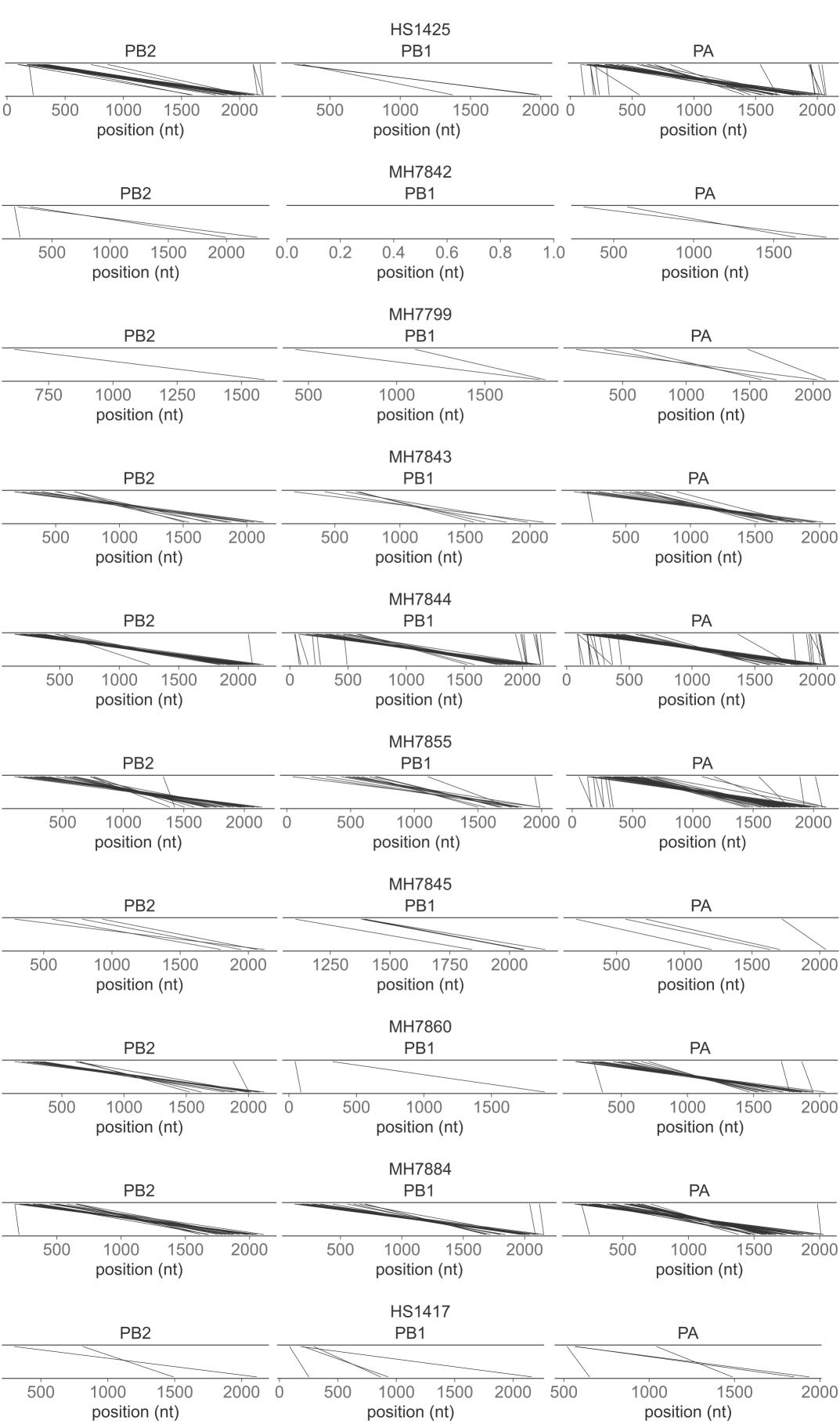


Figure S5 page 13

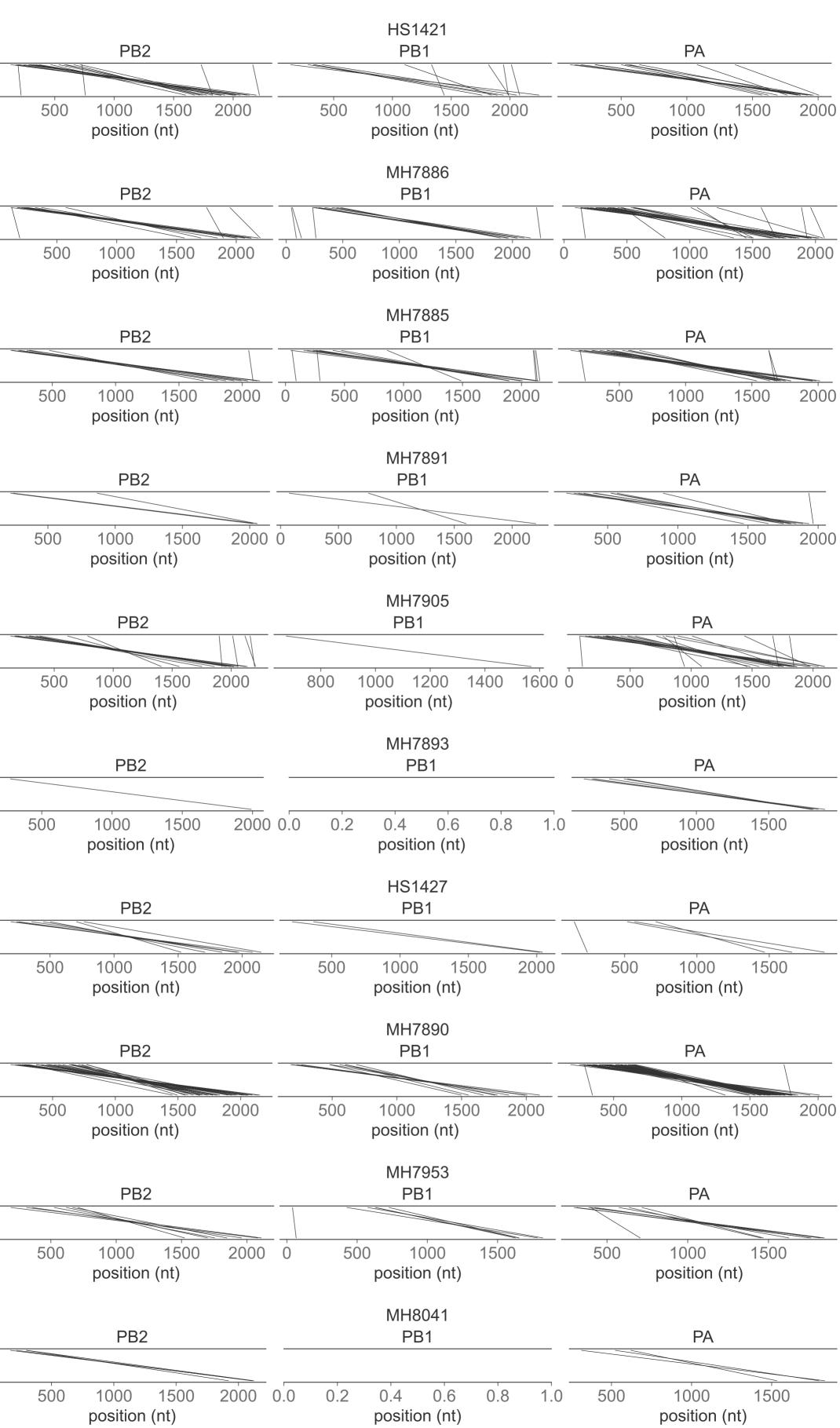


Figure S5 page 14

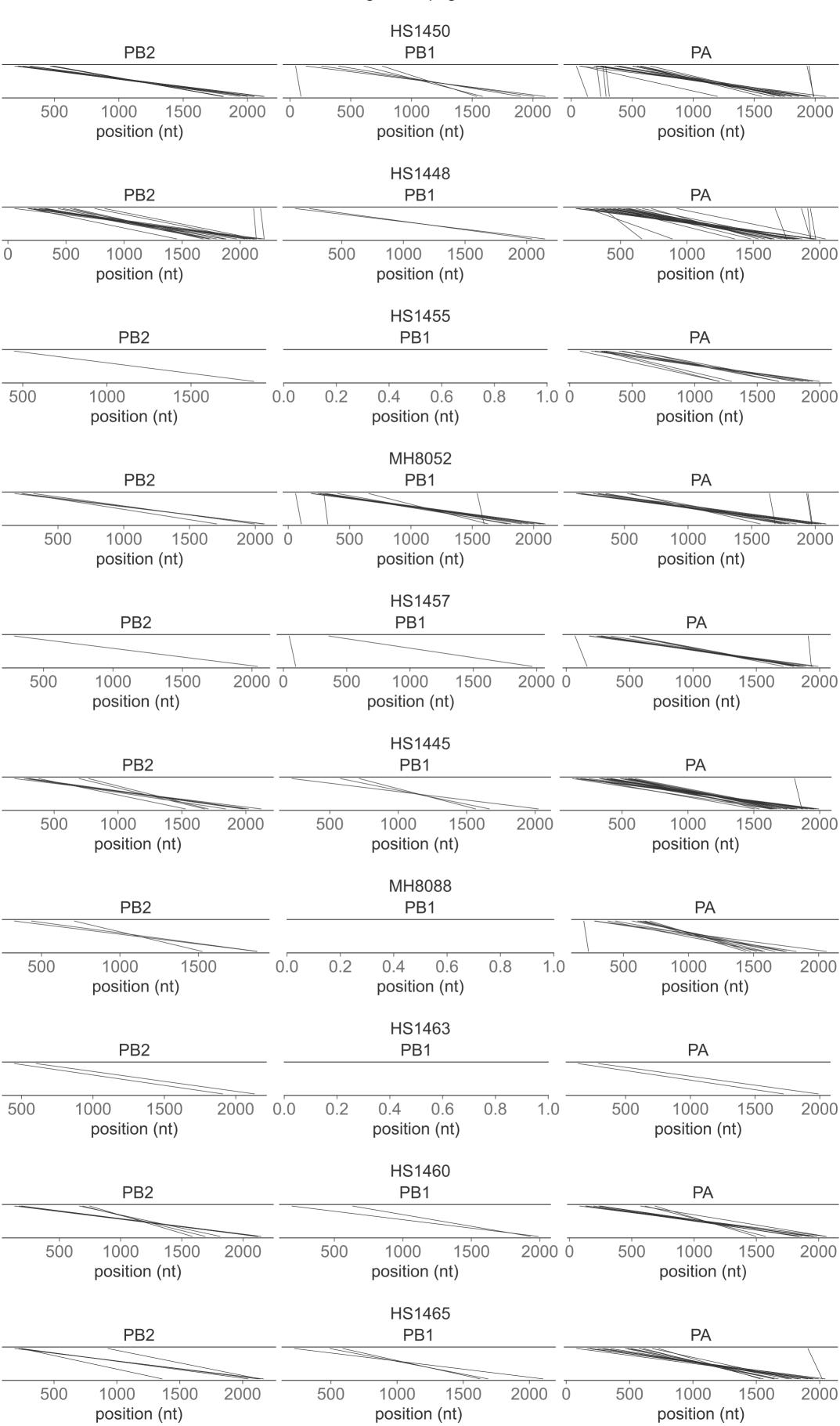


Figure S5 page 15

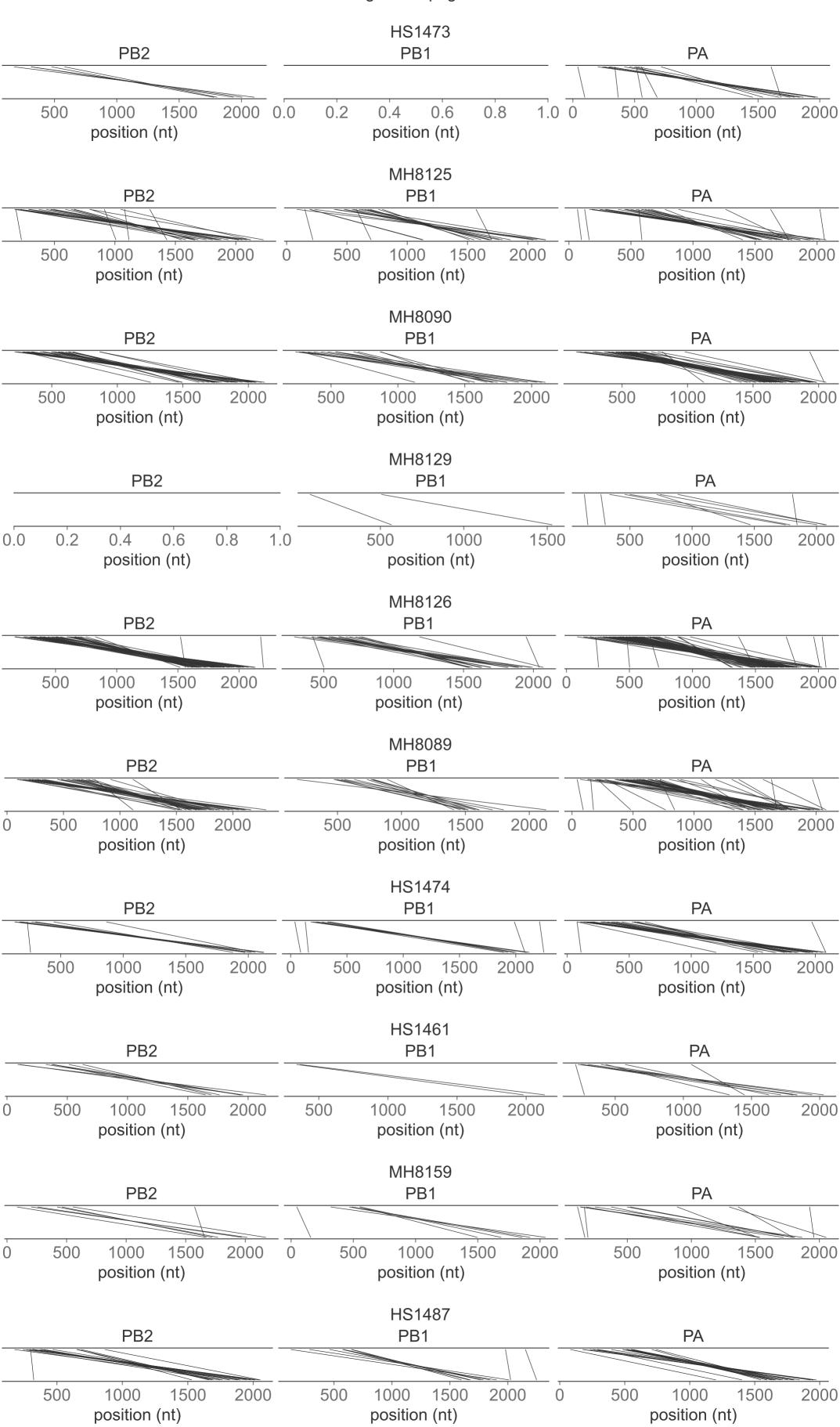


Figure S5 page 16

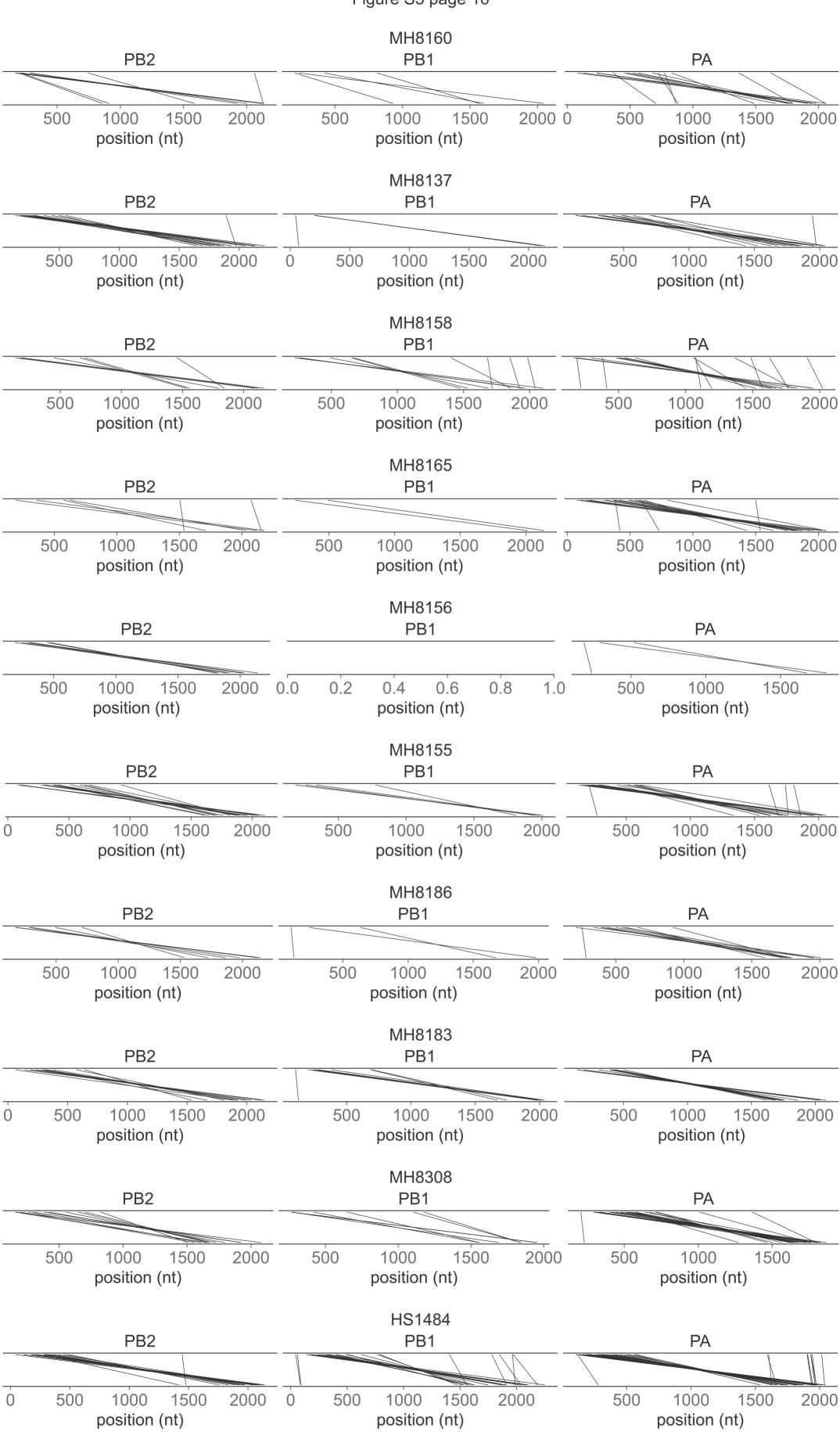


Figure S5 page 17

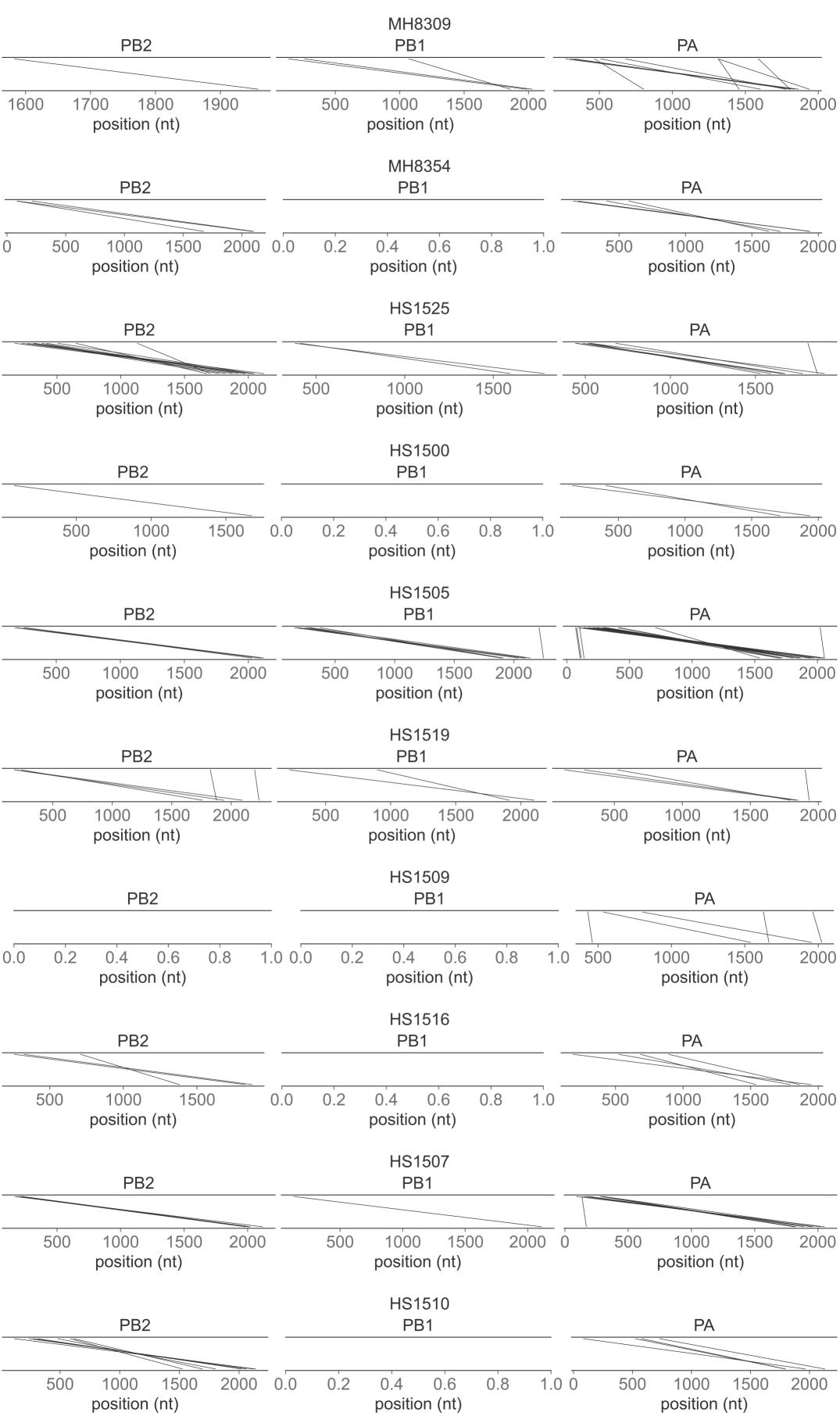


Figure S5 page 18

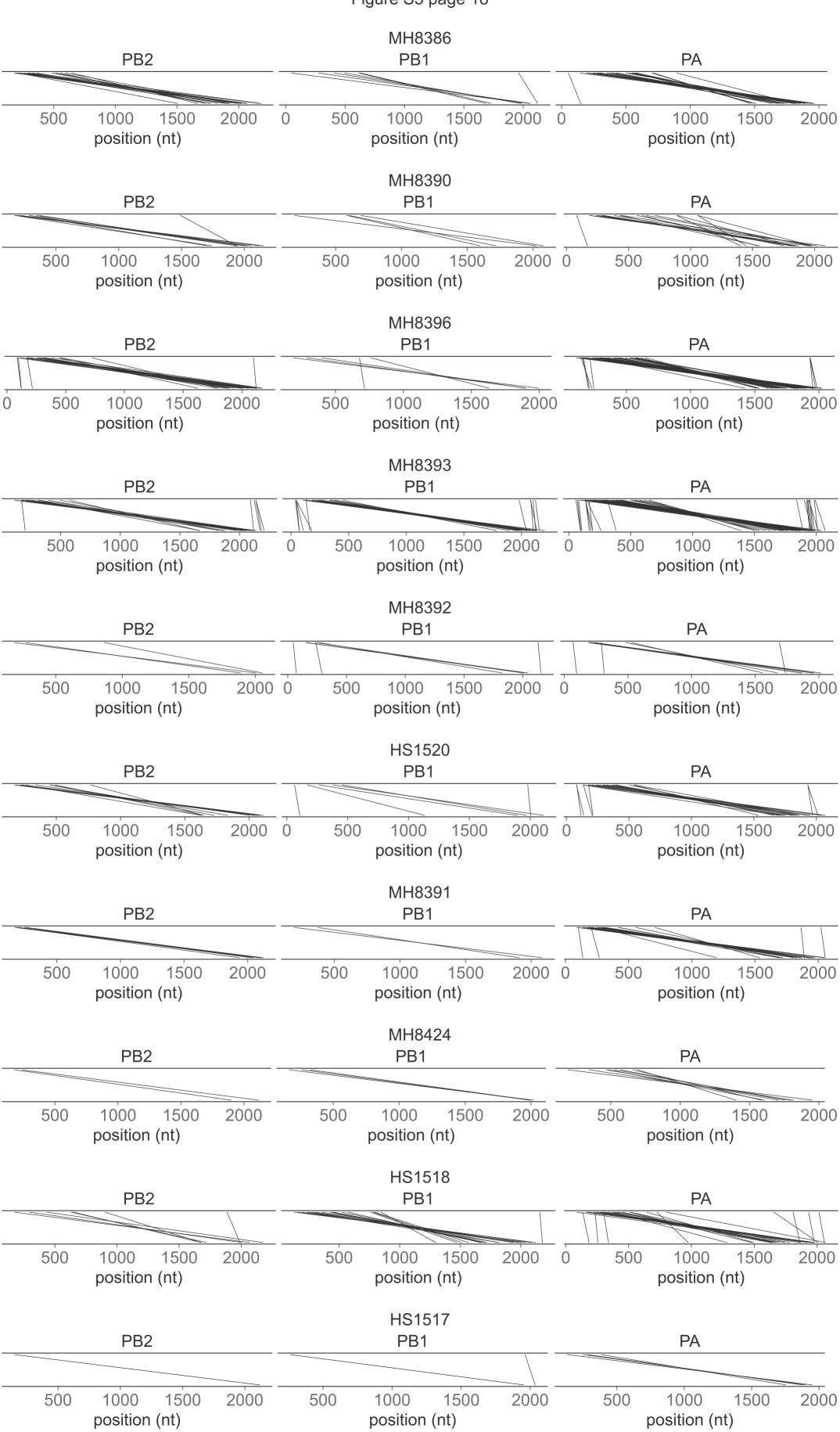


Figure S5 page 19

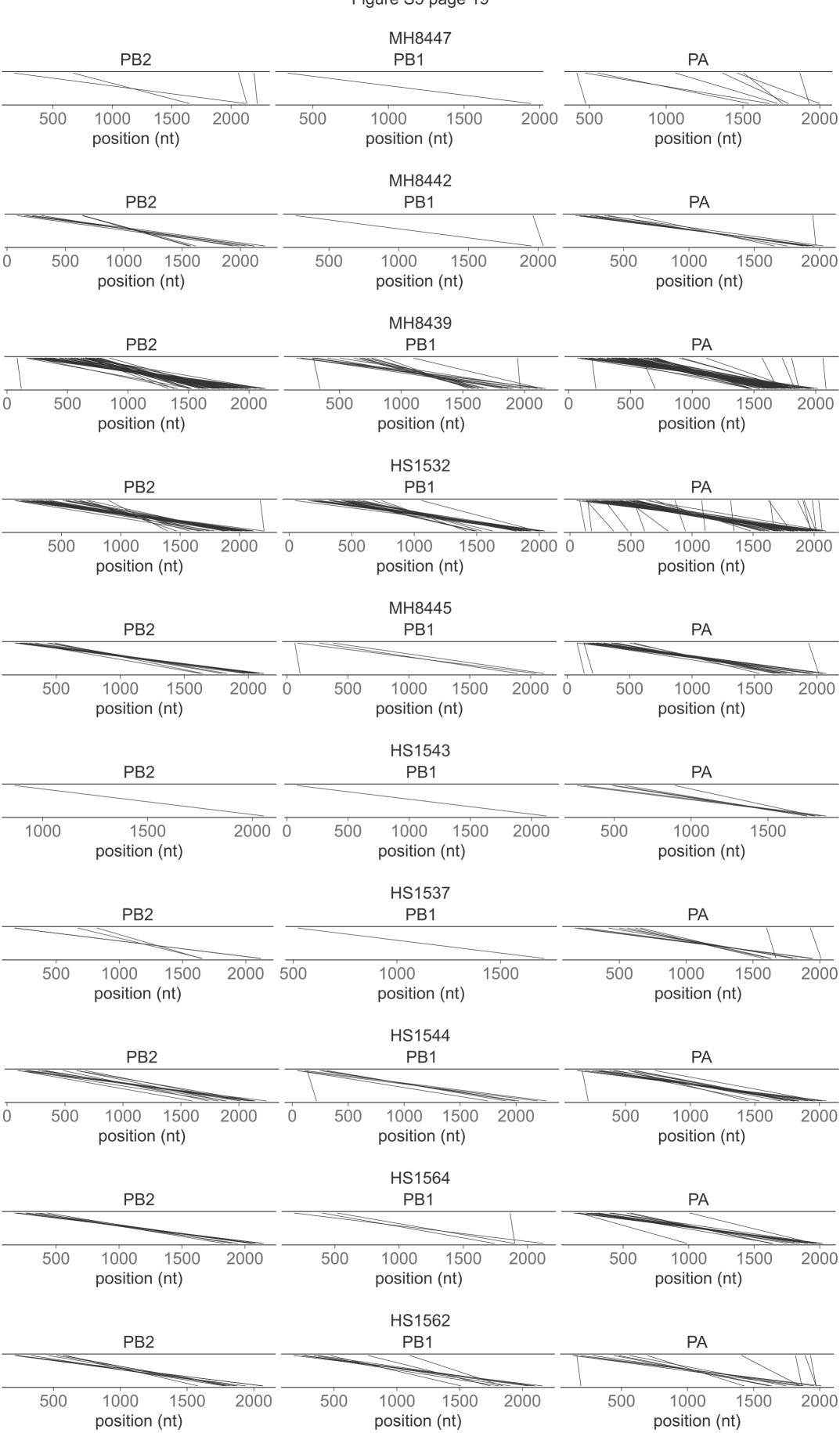


Figure S5 page 20

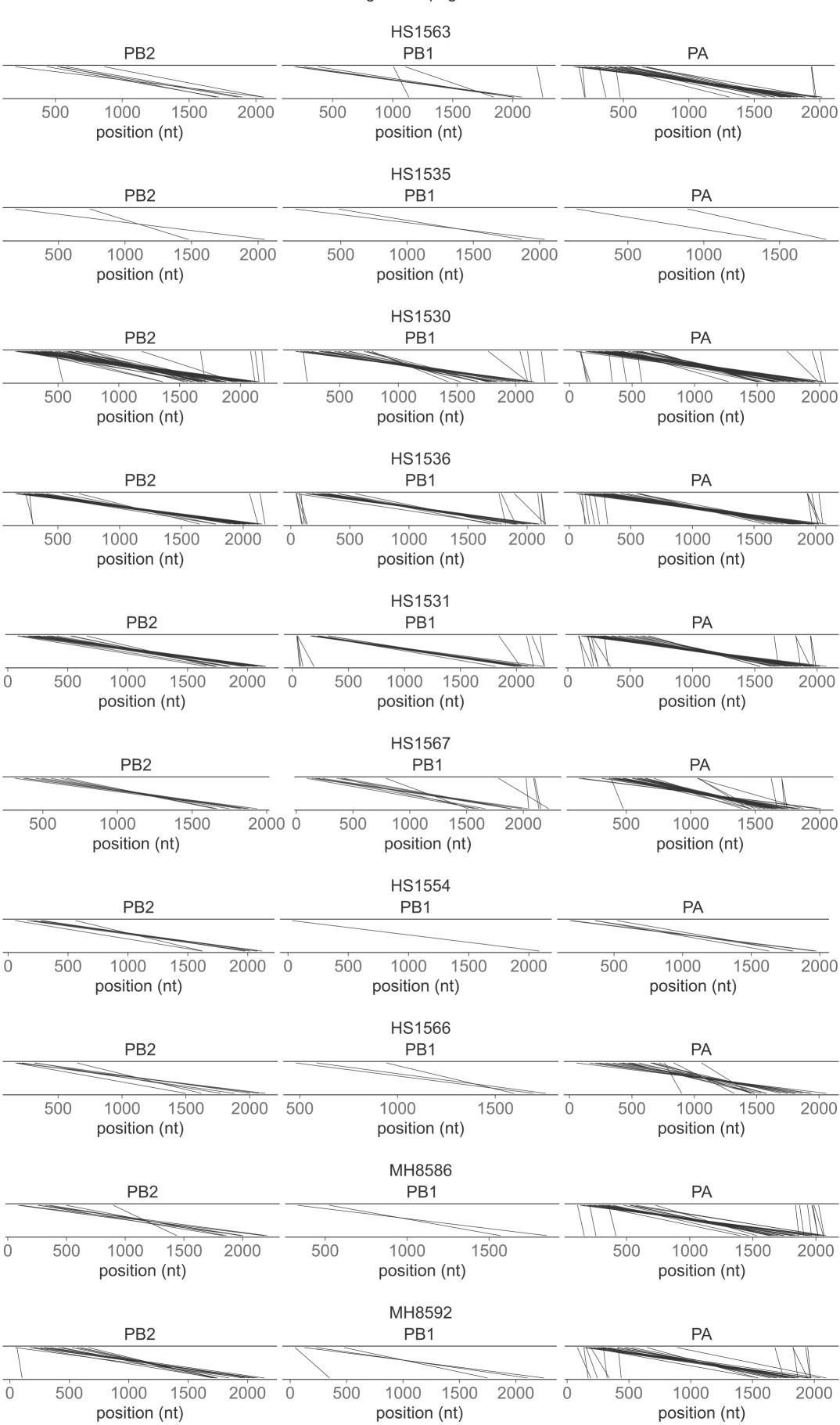


Figure S5 page 21

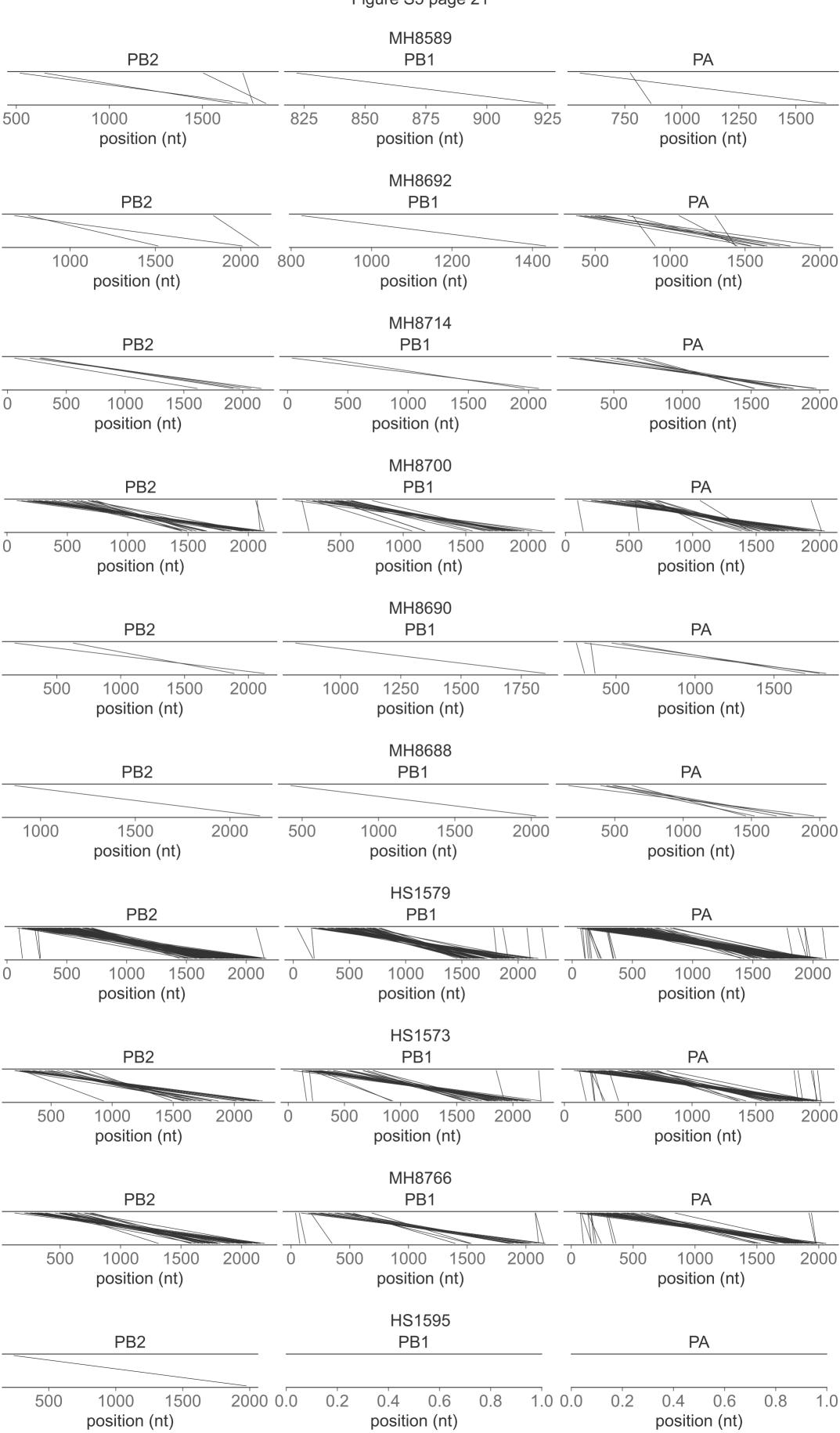
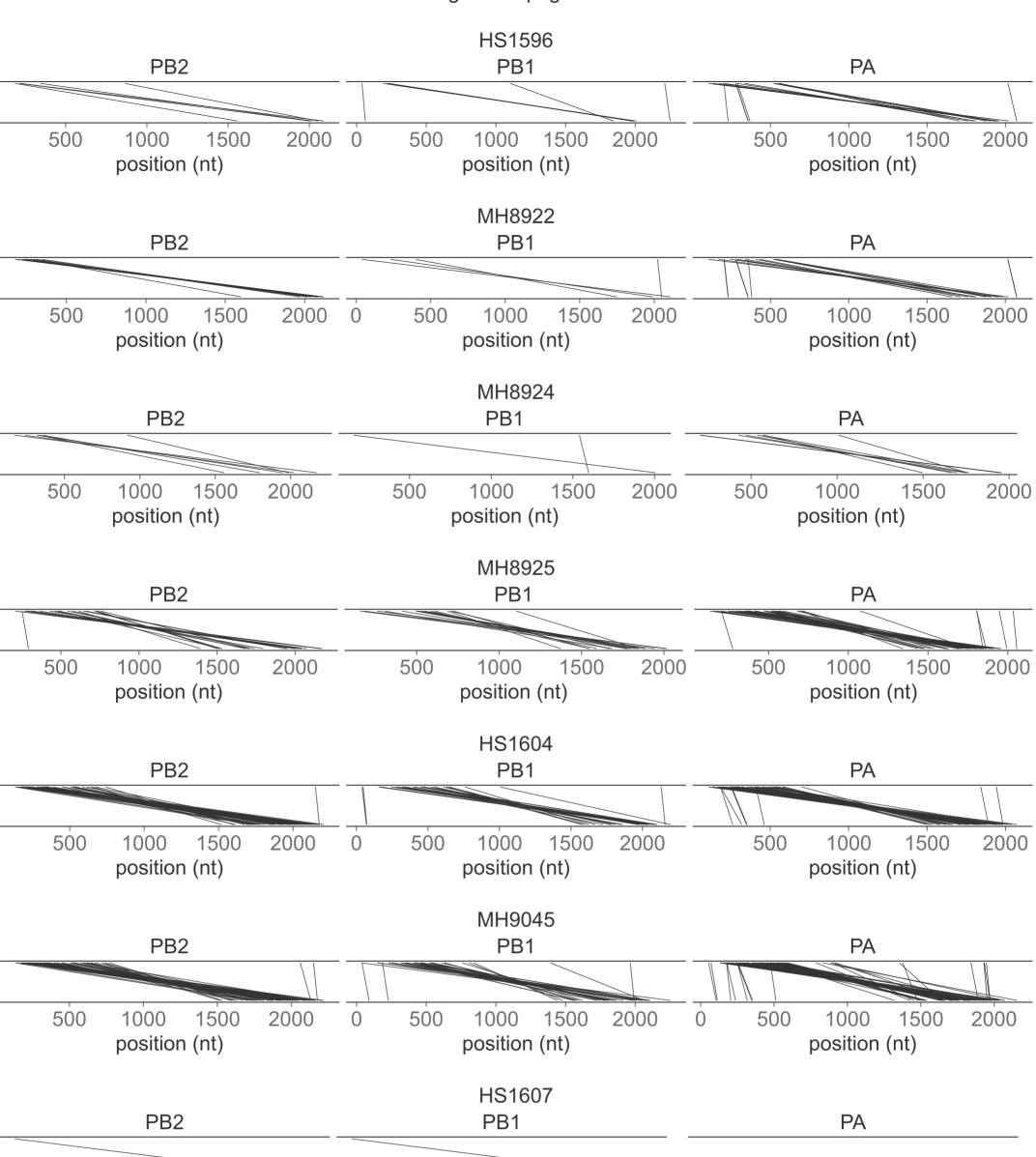


Figure S5 page 22



500

1000

position (nt)

1500

2000 0.0

0.2

0.4

0.6

position (nt)

8.0

1.0

500

1000

position (nt)

1500

2000