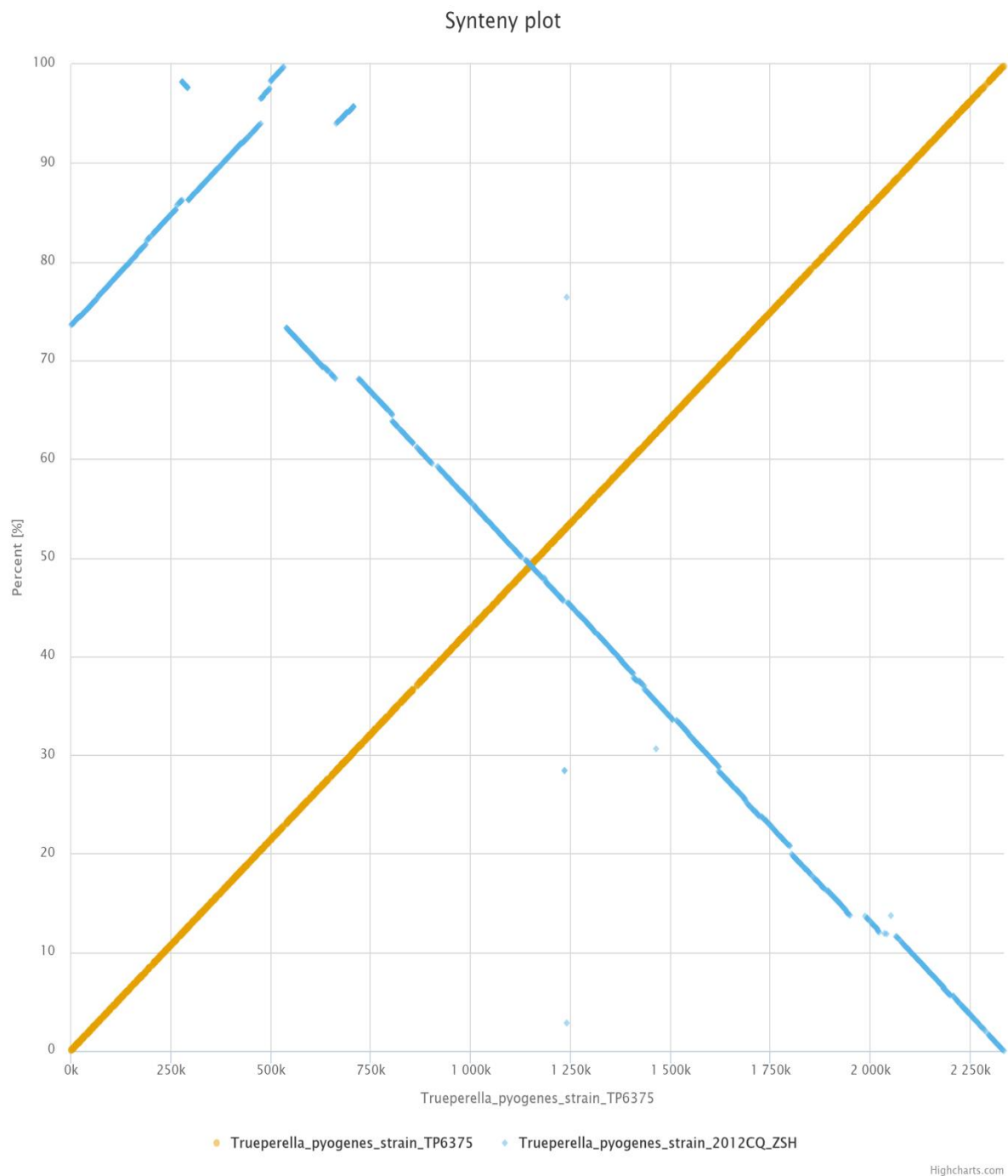
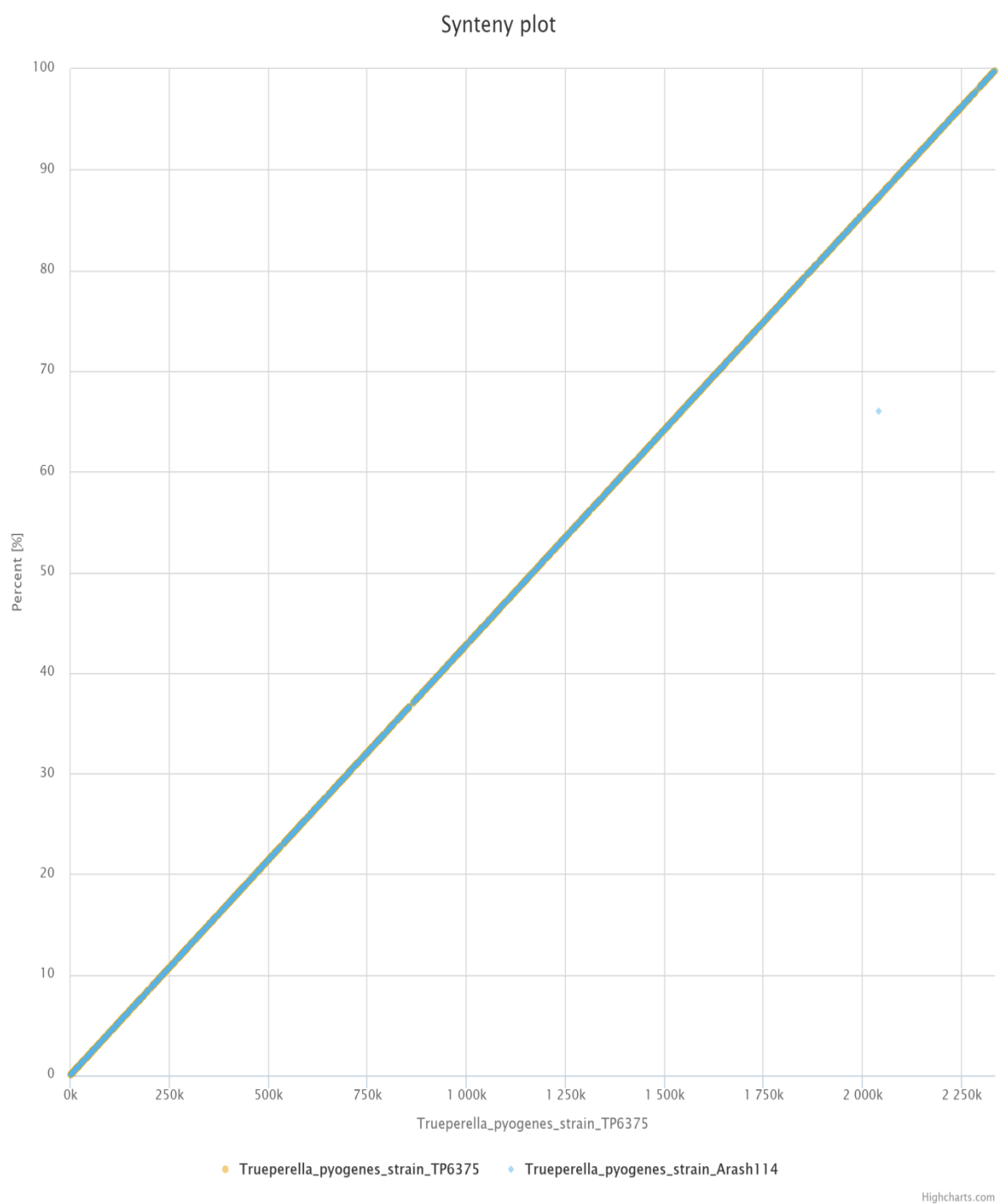


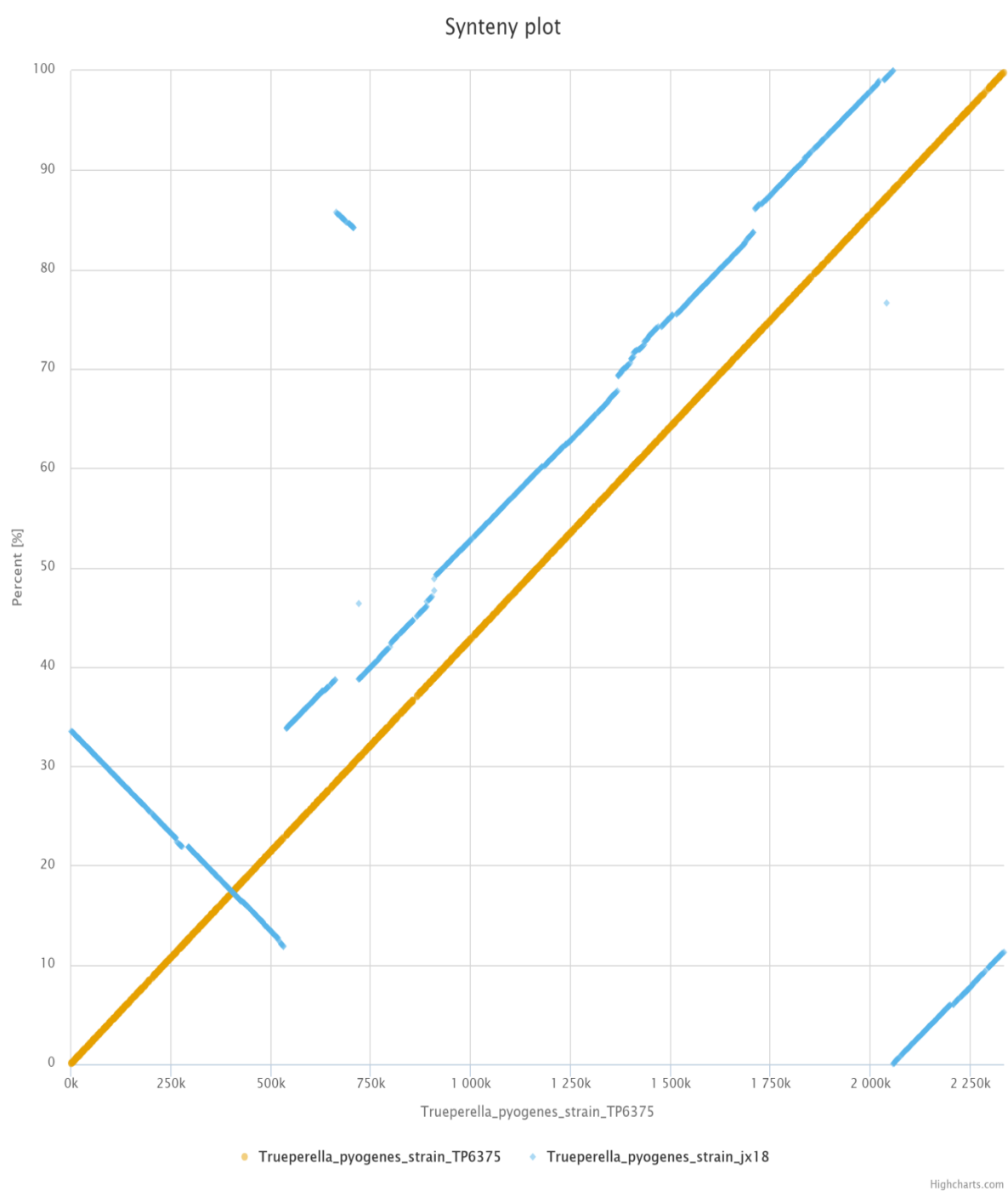
**Supplementary Figure 1 (a-j)** Synteny plot of investigated *T. pyogenes* complete genomes against reference *T. pyogenes* TP6375 genome.



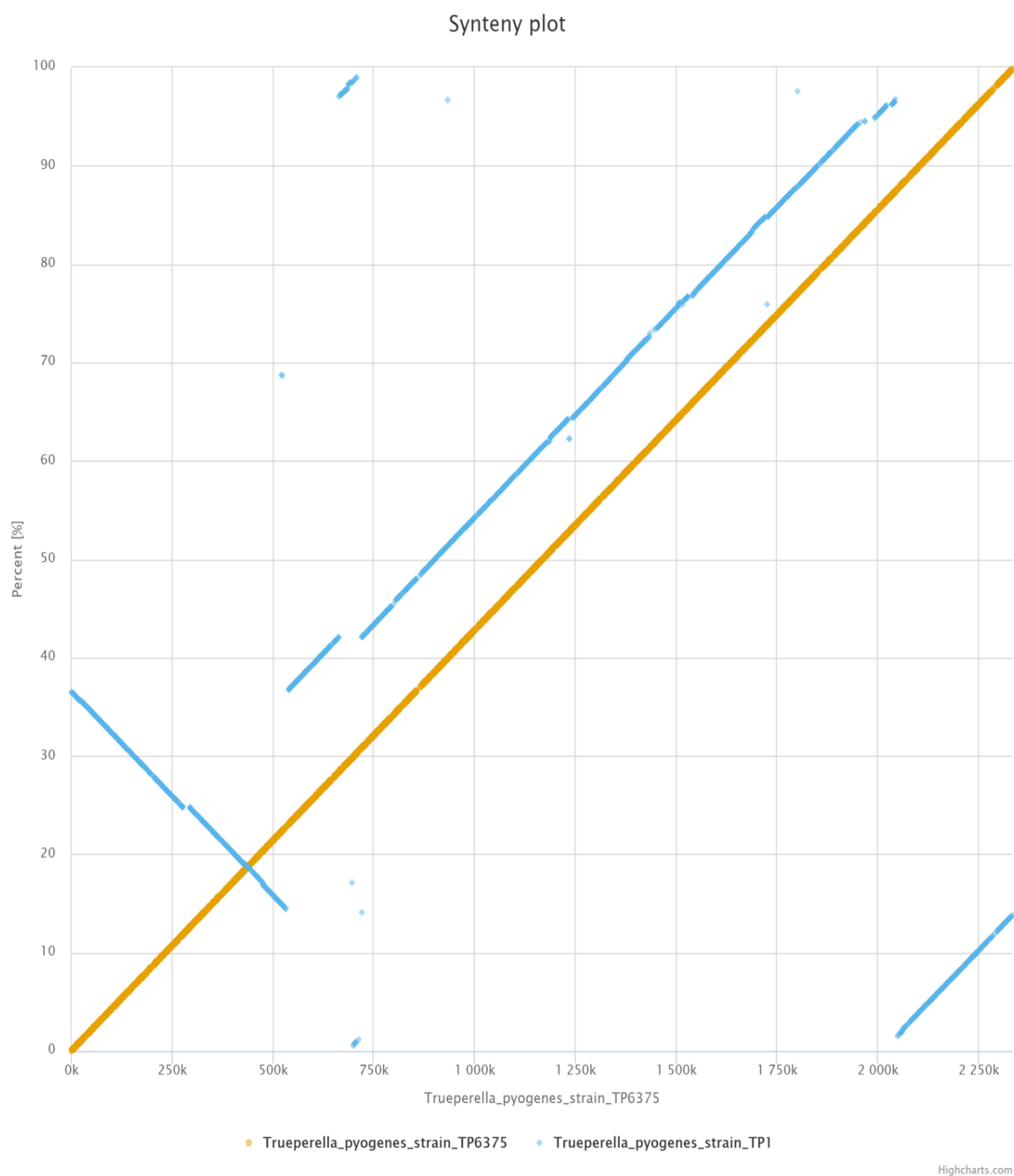
**Supplementary Figure 1 (a)** Synteny plot of *T. pyogenes* 2012CQ-ZSH genome against *T. pyogenes* TP6375 genome.



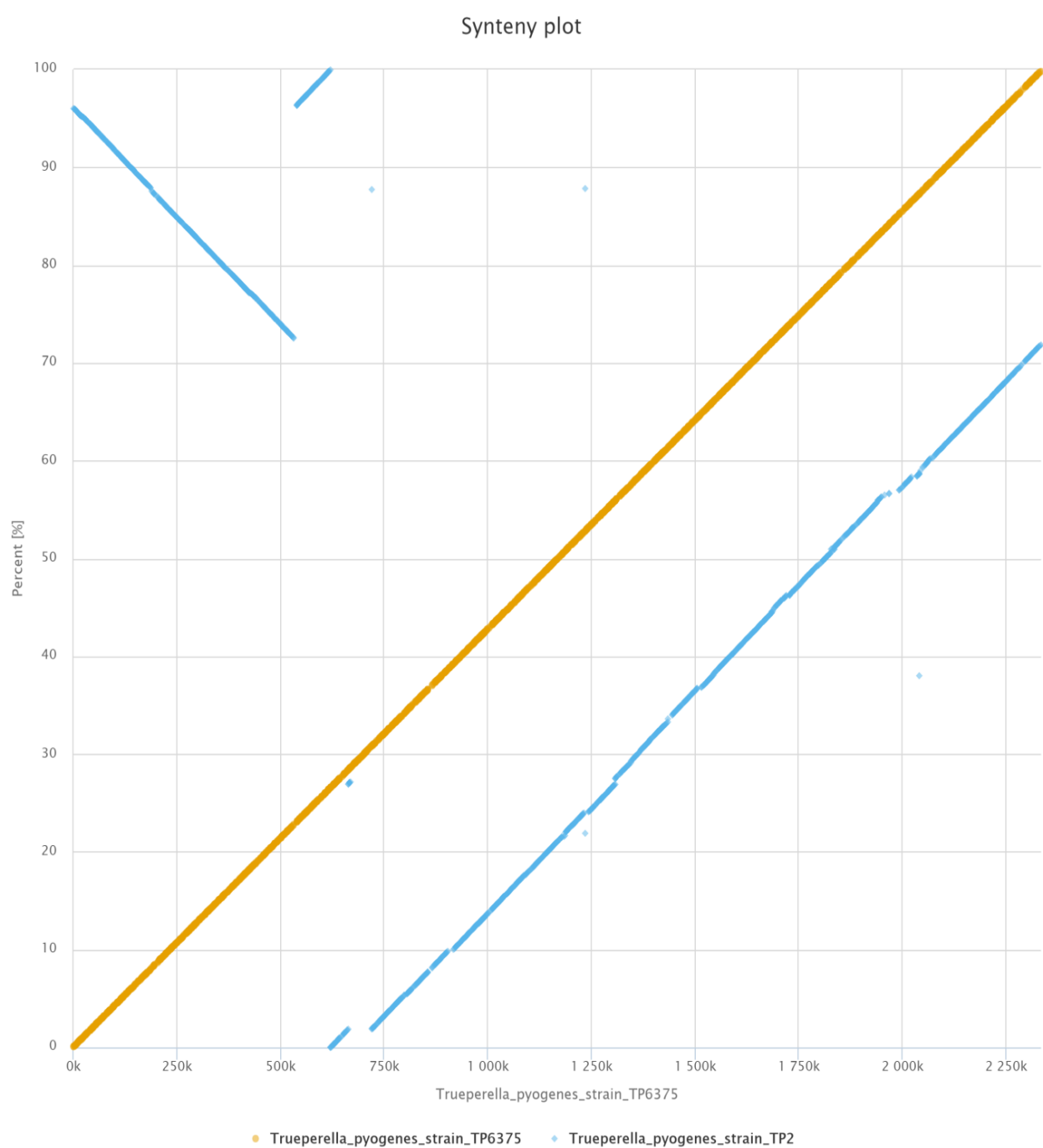
**Supplementary Figure 1 (b)** Synteny plot of *T. pyogenes* Arash114 genome against *T. pyogenes* TP6375 genome.



**Supplementary Figure 1 (c)** Synteny plot of *T. pyogenes* jx18 genome against *T. pyogenes* TP6375 genome.

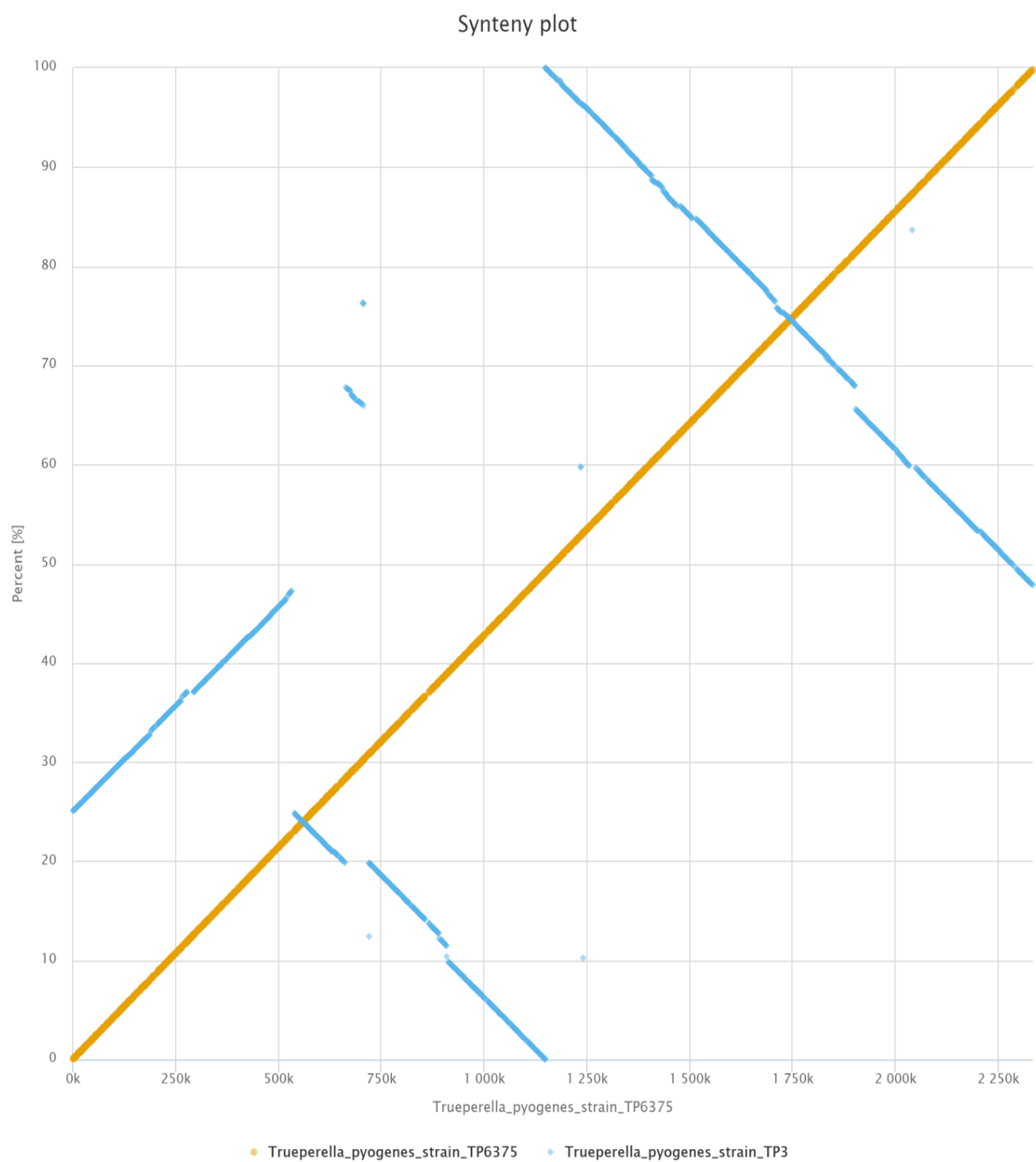


**Supplementary Figure 1 (d)** Synteny plot of *T. pyogenes* TP1 genome against *T. pyogenes* TP6375 genome.

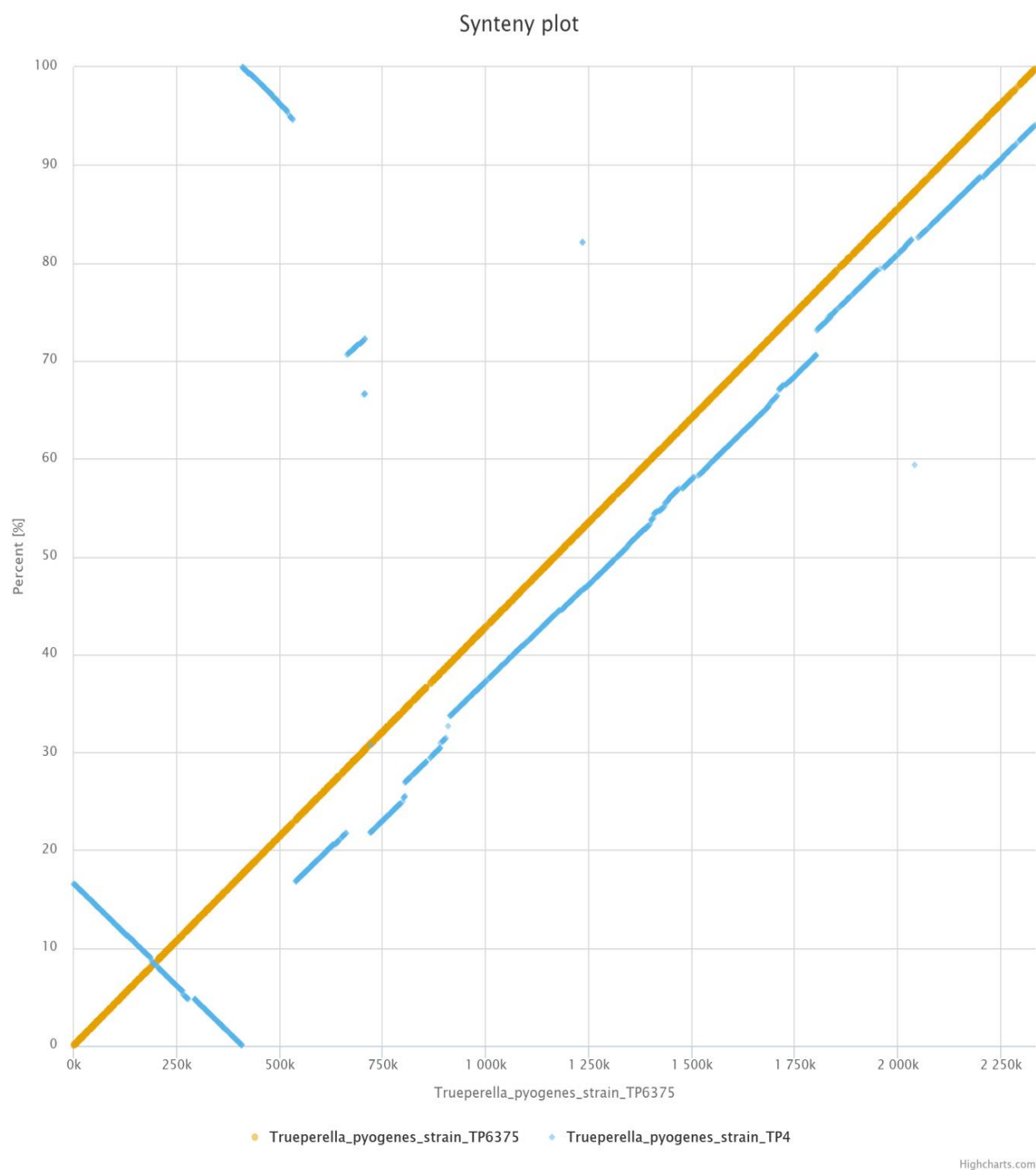


Highcharts.com

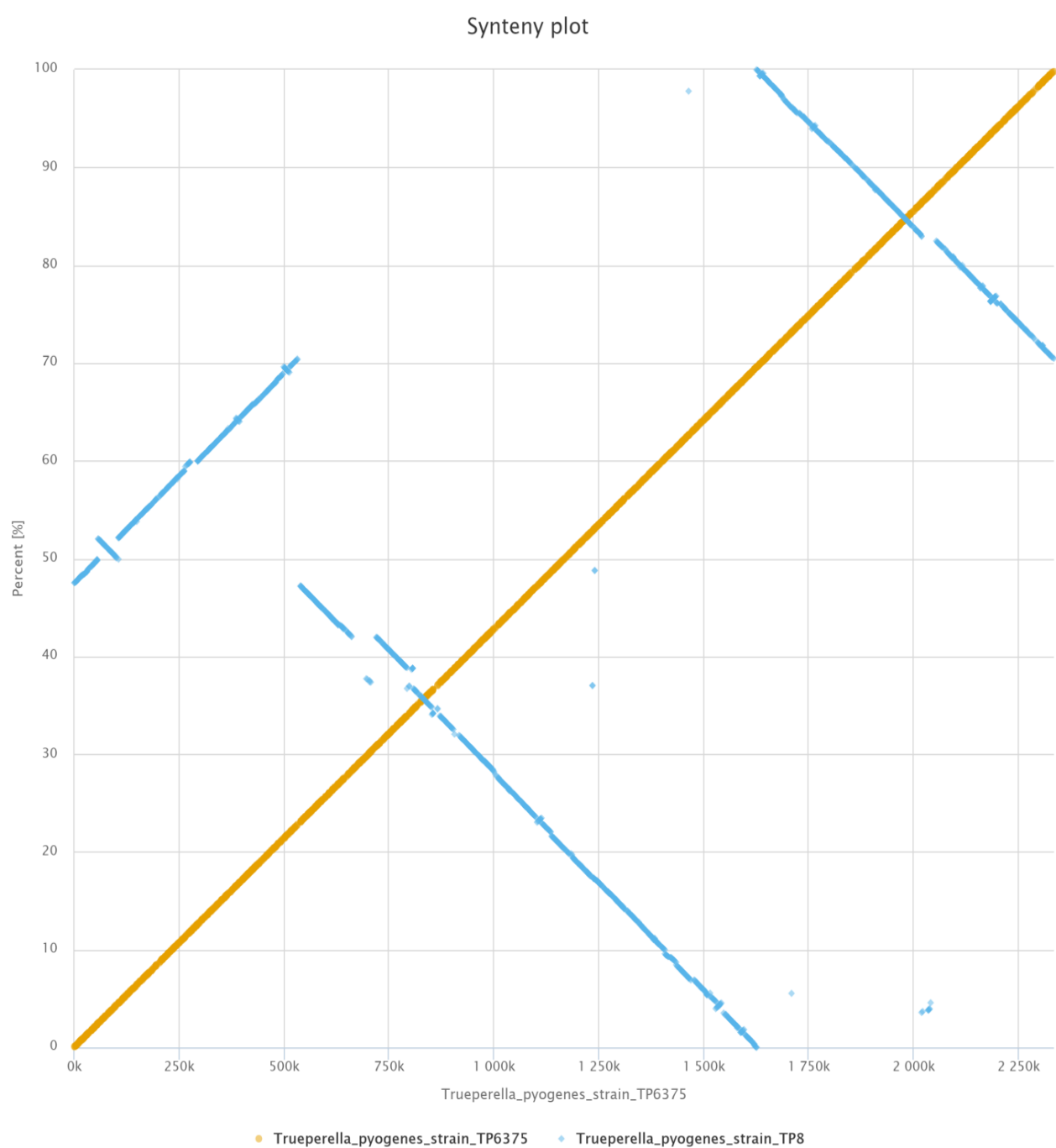
**Supplementary Figure 1 (e)** Synteny plot of *T. pyogenes* TP2 genome against *T. pyogenes* TP6375 genome.



**Supplementary Figure 1 (f)** Synteny plot of *T. pyogenes* TP3 genome against *T. pyogenes* TP6375 genome.



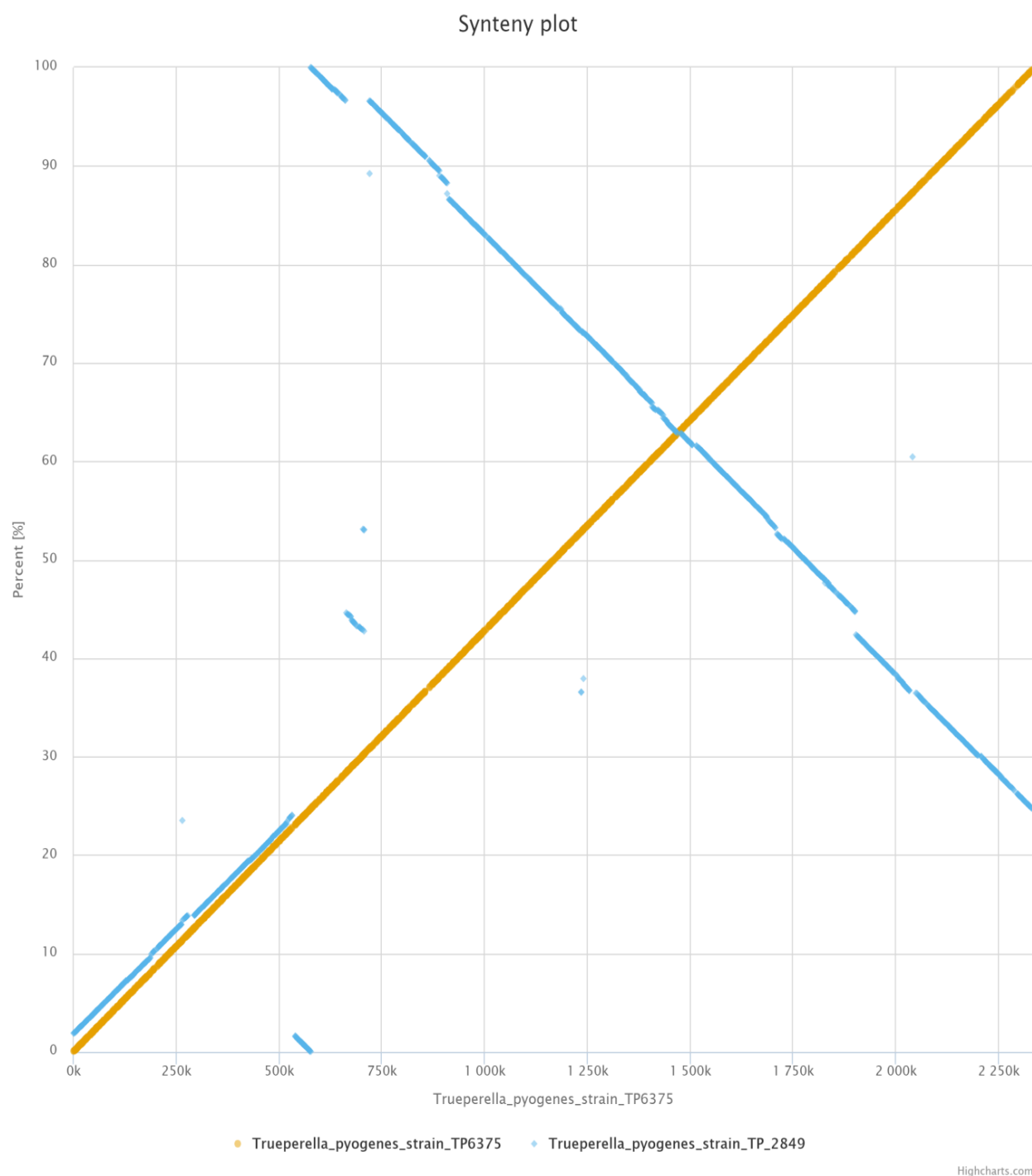
**Supplementary Figure 1 (g)** Synteny plot of *T. pyogenes* TP4 genome against *T. pyogenes* TP6375 genome.



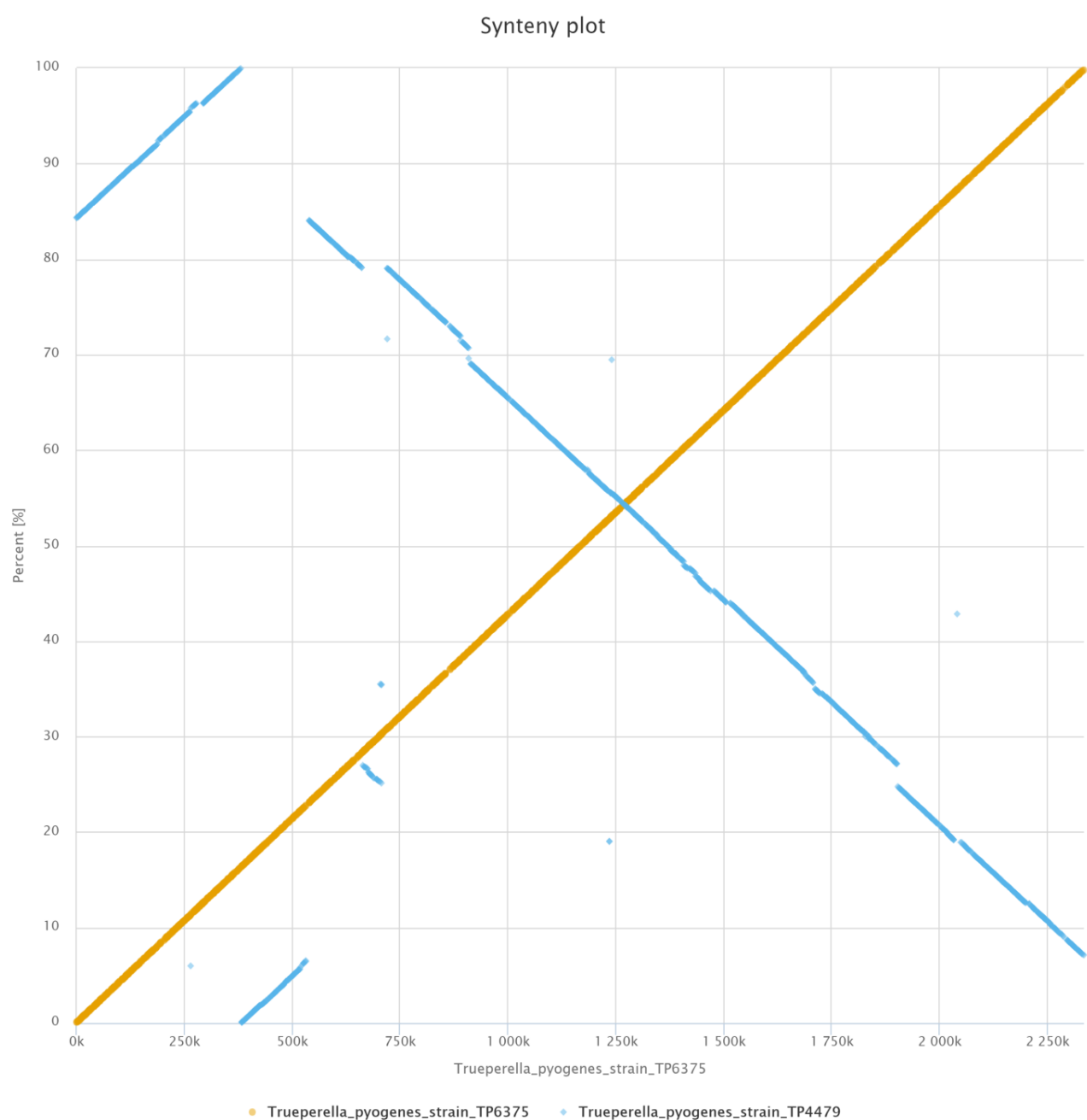
Highcharts.com

**Supplementary Figure 1 (h)** Synteny plot of *T. pyogenes* TP8 genome against *T. pyogenes* TP6375 genome.





**Supplementary Figure 1 (i)** Synteny plot of *T. pyogenes* TP2849 genome against *T. pyogenes* TP6375 genome.



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**Supplementary Figure 1 (j)** Synteny plot of *T. pyogenes* TP4479 genome against *T. pyogenes* TP6375 genome.