

ChrR	13							
Chr1	11	17						
Chr2	8	10	14					
Chr3	10	13	8	16				
Chr4	6	8	5	6	8			
Chr5	5	6	4	5	6	7		
Chr6	3	6	3	6	4	2	6	
Chr7	7	11	6	8	1	5	6	11
	ChrR	Chr1	Chr2	Chr3	Chr4	Chr5	Chr6	Chr7

Disomic Chr Pairs

ChrR	19							
Chr1	10	18						
Chr2	10	12	21					
Chr3	9	11	10	18				
Chr4	14	9	14	9	22			
Chr5	13	8	9	10	17	21		
Chr6	8	9	12	11	11	9	18	
Chr7	6	7	10	6	12	8	9	13
	ChrR	Chr1	Chr2	Chr3	Chr4	Chr5	Chr6	Chr7

Trisomic Chr Pairs

ChrR	8							
Chr1	2	5						
Chr2	2	3	8					
Chr3	2	2	3	6				
Chr4	6	1	5	2	10			
Chr5	7	2	3	4	7	12		
Chr6	4	3	6	6	6	6	16	
Chr7	6	4	8	5	8	8	12	16
	ChrR	Chr1	Chr2	Chr3	Chr4	Chr5	Chr6	Chr7

Tetrasomic Chr Pairs

Figure S2. Frequency of balanced chromosomes in disomy, trisomy and tetrasomy. The number of isolates that have balanced chromosome pairs in either disomy (green), trisomy (purple) or tetrasomy (blue). The number indicated on the diagonal represents the total number of isolates of that copy number and chromosome. All other numbers represent the frequency in which that specific chromosome pair (the intersection of a particular row and column) is balanced, such that a single highly aneuploid strain can be represented multiple times.