

Percent of clusters (restricted to only those with COG category annotations) per pangenome partition

	Intact				Mixed				Pseudogene			
<i>Agrobacterium tumefaciens</i>	37.8% (6061)	30.8% (4936)	13.2% (2124)	18.2% (2918)	13.8% (4)	44.8% (13)	34.5% (10)	6.9% (2)	62.8% (1289)	30.9% (635)	6.1% (125)	0.2% (5)
<i>Enterococcus faecalis</i>	47% (6453)	35.8% (4918)	4.3% (596)	12.8% (1756)	15.2% (37)	42.2% (103)	11.5% (28)	31.1% (76)	73.7% (2285)	25.3% (786)	0.9% (29)	0% (1)
<i>Escherichia coli</i>	50.4% (21040)	38.9% (16253)	4.2% (1757)	6.4% (2678)	18.7% (167)	60.4% (541)	11.4% (102)	9.5% (85)	77.4% (12803)	21.7% (3590)	0.8% (136)	0.1% (13)
<i>Lactococcus lactis</i>	44.1% (3178)	26.8% (1927)	11.3% (814)	17.8% (1283)	25% (5)	25% (5)	40% (8)	10% (2)	71.9% (751)	25.4% (265)	2.3% (24)	0.4% (4)
<i>Pseudomonas aeruginosa</i>	50.2% (27566)	41.1% (22569)	1.9% (1042)	6.9% (3769)	15% (154)	54.7% (560)	9.4% (96)	20.9% (214)	72.9% (14337)	26.8% (5276)	0.3% (52)	0.1% (13)
<i>Sinorhizobium meliloti</i>	46.1% (9624)	26.4% (5514)	9.9% (2061)	17.6% (3679)	11.5% (11)	39.6% (38)	36.5% (35)	12.5% (12)	67% (3792)	28.6% (1617)	4.3% (246)	0.1% (5)
<i>Staphylococcus epidermidis</i>	37.5% (2405)	32.1% (2062)	5.1% (329)	25.3% (1621)	8.7% (4)	47.8% (22)	28.3% (13)	15.2% (7)	61.8% (1100)	34.3% (610)	3.7% (66)	0.2% (3)
<i>Streptococcus pneumoniae</i>	53.9% (13037)	39.2% (9488)	3% (718)	3.9% (944)	11.3% (119)	66.5% (699)	9.7% (102)	12.5% (131)	70.8% (9179)	28.4% (3681)	0.8% (106)	0% (3)
<i>Wolbachia pipientis</i>	49.3% (1296)	21.3% (559)	7.1% (188)	22.3% (587)	6.2% (1)	31.2% (5)	25% (4)	37.5% (6)	72.6% (414)	22.5% (128)	3% (17)	1.9% (11)
<i>Xanthomonas oryzae</i>	36% (2862)	26.1% (2072)	12.4% (989)	25.5% (2029)	17.8% (13)	56.2% (41)	17.8% (13)	8.2% (6)	58.2% (1754)	34.8% (1049)	6.7% (201)	0.3% (10)
	Ultra-rare	Other-rare	Shell	Soft-core	Ultra-rare	Other-rare	Shell	Soft-core	Ultra-rare	Other-rare	Shell	Soft-core

