

Panel	Phenotype	DBGWAS	pyseer			Total	HAWK				Total
			fsm-lite	Mash v2.0	pyseer		Count k-mers	HAWK	ABYSS	Stats	
TB	ethambutol	37m (3.8)	6h48m (93.6)	4m (0.2)	6h10m (3.6)	13h02m (93.6)	2h11m (1.5)	26m (3.7)	1m (0.3)	5m (0.1)	2h43m (3.7)
	streptomycin	42m (4.3)	7h47m (102.4)	5m (0.2)	6h22m (4.1)	14h14m (102.4)	2h26m (1.5)	25m (3.7)	1m (0.3)	9m (0.1)	3h01m (3.7)
	rifampicin	43m (4.4)	8h01m (104.7)	5m (0.2)	7h45m (4.1)	15h51m (104.7)	2h30m (1.5)	25m (3.7)	1m (0.3)	14m (0.1)	3h10m (3.7)
	ethionamide	12m (3.5)	2h18m (34.8)	1m (0.1)	1h35m (1.3)	3h54m (34.8)	53m (1.5)	17m (3.5)	1m (0.3)	1m (0.1)	1h12m (3.5)
Large TB	random	1h44m (15.7)	23h31m (215.8)	14m (0.9)	6h13m (11.3)	29h58m (215.8)	5h15m (1.5)	48m (4.2)	1m (0.3)	1m (0.1)	6h05m (4.2)
SA	ciprofloxacin	1h16m (11.2)	6h31m (53.8)	3m (0.2)	Timeout	Timeout	1h31m (1.5)	27m (4.0)	1m (0.4)	22h11m (0.1)	24h10m (4.0)
	erythromycin	1h17m (11.2)	6h32m (53.8)	3m (0.2)	Timeout	Timeout	1h31m (1.5)	26m (4.1)	1m (0.3)	7h56m (0.1)	9h54m (4.1)
	methicillin	29m (4.3)	3h15m (27.1)	1m (0.1)	Timeout	Timeout	46m (1.5)	19m (3.8)	1m (0.3)	8h29m (0.1)	9h35m (3.8)
Large SA	random	5h11m (37.4)	18h35m (149.5)	12m (0.9)	26h53m (6.8)	45h40m (149.5)	3h51m (1.5)	41m (5.8)	1m (0.3)	1m (0.1)	4h34m (5.8)
PA	meropenem	49m (8.0)	6h32m (34.7)	2m (0.1)	33h59m (0.5)	40h33m (34.7)	50m (1.5)	21m (4.5)	1m (0.3)	1m (0.1)	1h13m (4.5)
	levofloxacin	21m (3.2)	3h03m (14.5)	1m (0.1)	21h18m (0.3)	24h22m (14.5)	21m (1.5)	16m (4.2)	1m (0.3)	1m (0.1)	39m (4.2)
	amikacin	51m (8.0)	5h59m (34.7)	2m (0.1)	46h44m (0.5)	52h45m (34.7)	50m (1.5)	22m (4.5)	1m (0.3)	1m (0.1)	1h14m (4.5)
Large PA	random	13h21m (125.8)	DQE	DQE	DQE	DQE	7h24m (1.5)	2h05m (8.6)	1m (0.3)	1m (0.1)	9h31m (8.6)