

Database	Disksize (database)	Disksize (ptserver)	ARB memory use (open DB)	ARB memory use (during start of ptserver build)	additional memory needed		overall memory needed (arb+ptserver)		ptserver buildtime
					to use ptserver	to build ptserver	to use ptserver	to build ptserver	
LSURef_123_SILVA_10_07_15_opt.arb	0.26 Gb	1.00 Gb	1.09 Gb	1.09 Gb	0.85 Gb	2.2 Gb	1.9 Gb	3.3 Gb	~ 9 min
LSUParc_123_SILVA_12_07_15_opt.arb	0.52 Gb	3.1 Gb	4.3 Gb	4.9 Gb	2.7 Gb	6.2 Gb	7.0 Gb	11.1 Gb	~ 1 h
SSURef_NR99_123_1_SILVA_10_10_15_opt.arb	0.61 Gb	3.8 Gb	5.0 Gb	5.7 Gb	3.1 Gb	6.7 Gb	8.1 Gb	12.4 Gb	~ 20 min
SSURef_123_SILVA_19_07_15_opt.arb	1.8 Gb	9.7 Gb	15.3 Gb	17.4 Gb	7.9 Gb	15.2 Gb	23.2 Gb	32.6 Gb	~ 3.5 h
SSUParc_123_no_fields_SILVA_26_06_15_t_opt.arb	2.6 Gb	19.6 Gb	15.4 Gb	17.5 Gb	16.1 Gb	25.9 Gb	31.5 Gb	43.3 Gb	~ 3.5 h

Database	Species	Sequence data size (bp)	bp /species	ptserver size /dbsize	ptserver size /bp	ptserver usemem /bp	ptserver buildmem /bp	build/use memfootprint (server only)	build/use memfootprint (arb+server)
LSURef_123_SILVA_10_07_15_opt.arb	0.09 Msp	0.26 Gb	2886.1	379%	386%	326%	847%	260%	170%
LSUParc_123_SILVA_12_07_15_opt.arb	0.54 Msp	0.58 Gb	1113.1	603%	534%	458%	1067%	233%	160%
SSURef_NR99_123_1_SILVA_10_10_15_opt.arb	0.57 Msp	0.81 Gb	1447.6	627%	476%	386%	835%	216%	153%
SSURef_123_SILVA_19_07_15_opt.arb	1.68 Msp	2.3 Gb	1424.1	539%	416%	339%	652%	192%	141%
SSUParc_123_no_fields_SILVA_26_06_15_t_opt.arb	4.75 Msp	4.1 Gb	885.1	754%	477%	392%	629%	160%	138%