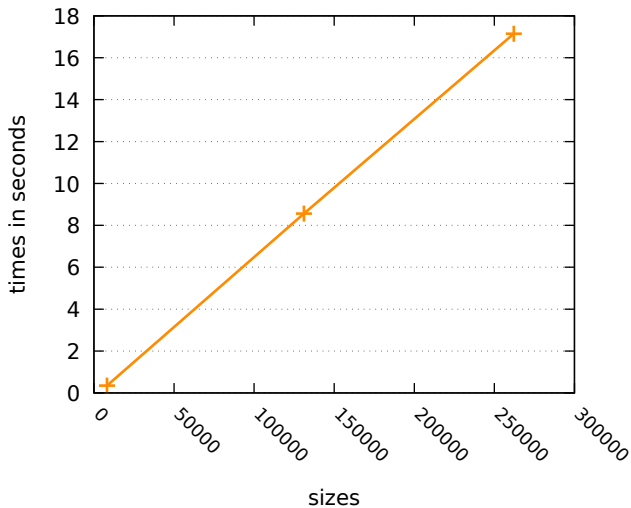Best methods below average 47.05

chr-repl-reference