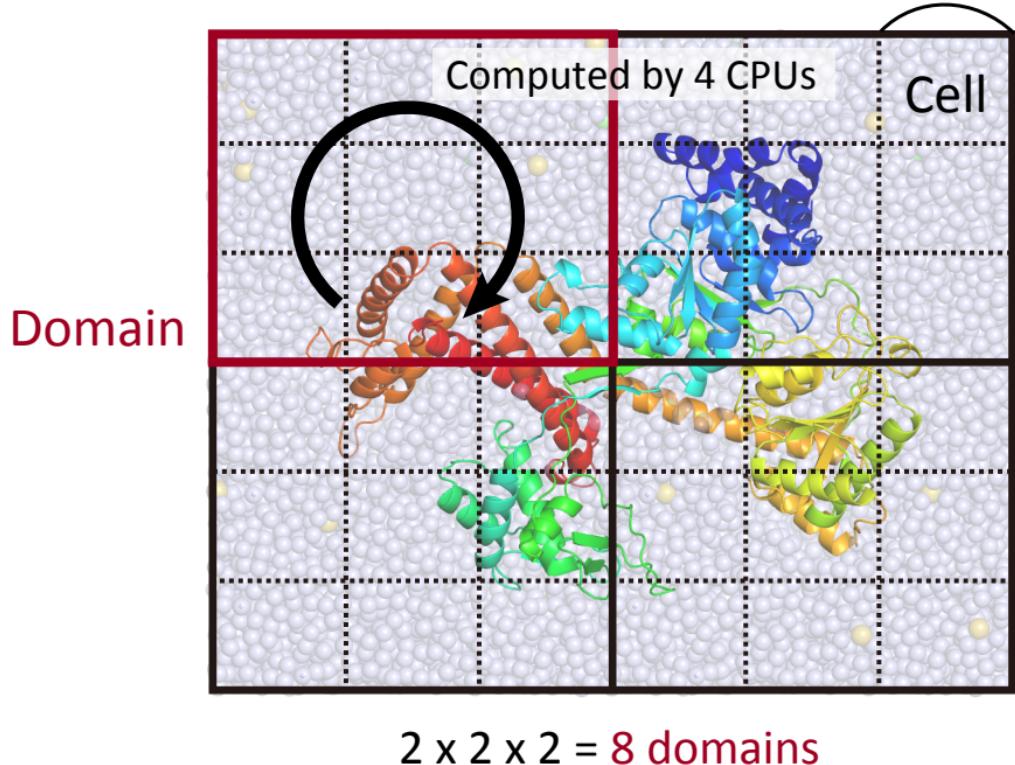
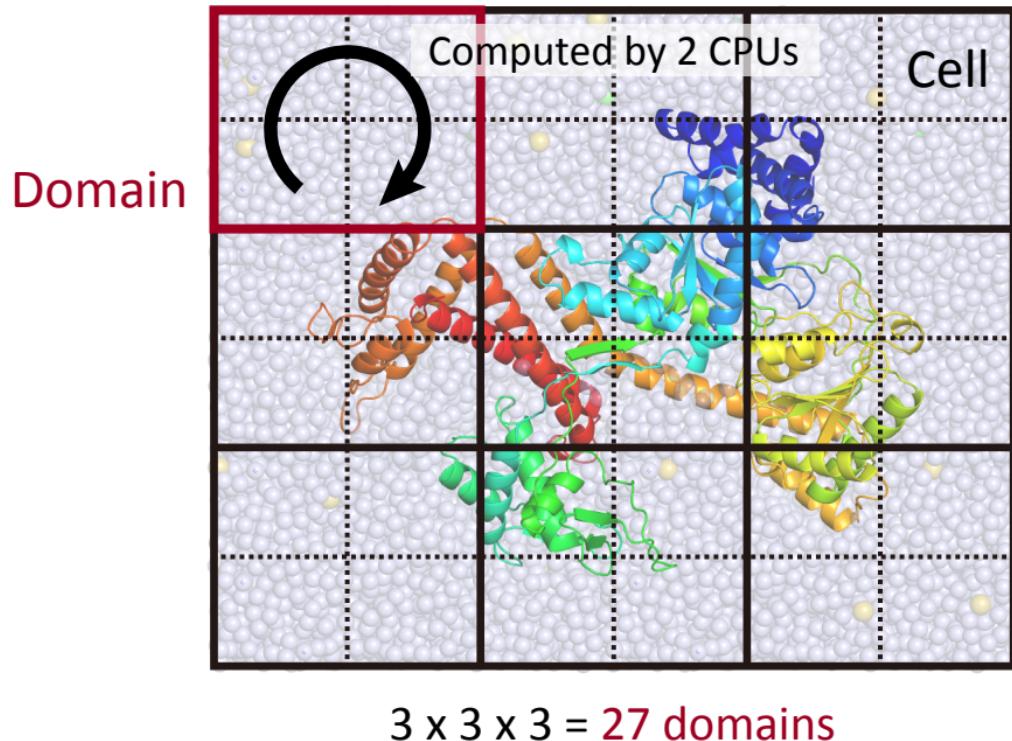


(a) $\sim 0.5 \times (\text{pairlistdist} + \alpha)$



8 MPI processors x 4 OpenMP threads = 32 CPU cores

(b)



27 MPI processors x 2 OpenMP threads = 54 CPU cores