



Figure S7: **Representative structures of the clusters for different MD simulations of the A-site in the complex with paromomycin**, superposed with regard to phosphorous atoms. Structures from each cluster are colored differently: 1 — green, 2 — blue, 3 — red, 4 — yellow, 5 — cyan (see Table S1 for the cluster sizes). Paromomycin and A1492, A1493 and A1408 are shown in atomic detail.