Table S2. Protonation states of titratable side chains and phosphate groups in pol $\boldsymbol{\mu}.$

Residue	Charge	рКа
Phosphate groups in DNA	-1	1.2
Asp	-1	3.9
Glu	-1	4.3
His	0	6.5
Lys	+1	10.8
Arg	+1	12.5