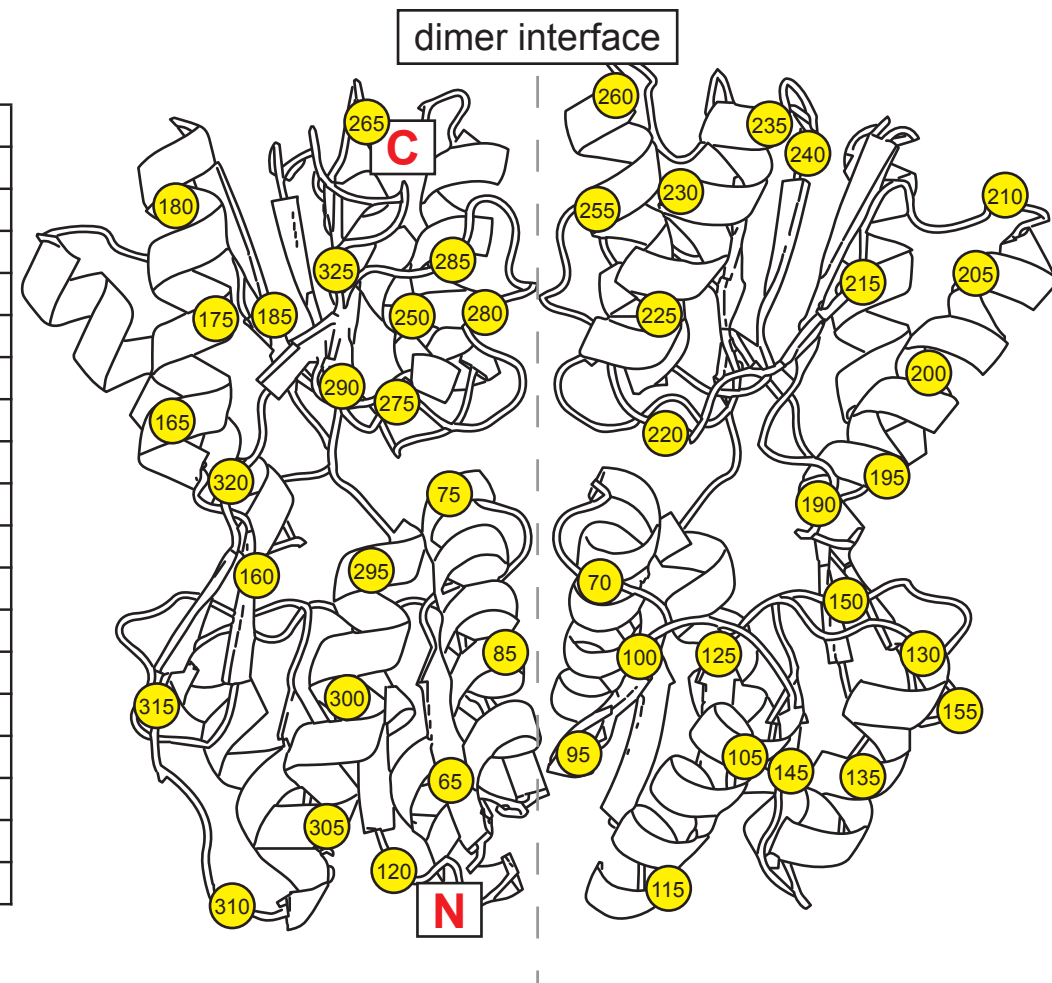


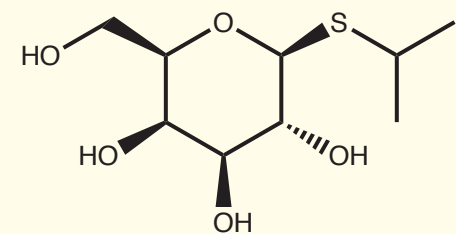
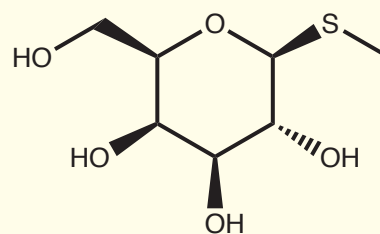
All LacI peptides from HDX/MS: *first residue* | *last residue* | *peptide*

63	67	LIGVA	145	149	ALFLD	220	223	WSAM
72	76	ALHAP	147	158	FLDVSDQTPINS	221	227	SAMSGFQ
72	81	ALHAPSQIVA	152	157	DQTPIN	224	232	SGFQQTMQM
72	82	ALHAPSQIVAA	158	163	SIIFSH	228	233	QTMQML
72	84	ALHAPSQIVAAIK	158	169	SIIFSHEDGTRL	234	243	NEGIVPTAML
77	82	SQIVAA	164	173	EDGTRLGVEH	243	254	LVANDQMALGAM
77	84	SQIVAAIK	174	177	LVAL	244	255	VANDQMALGAMR
79	84	IVAAIK	174	184	LVALGHQQIAL	256	267	AITESGLRVGAD
82	93	AIKSRADQLGAS	177	185	LGHQQIAL	257	267	ITESGLRVGAD
87	93	ADQLGAS	182	185	IAL	266	273	ADISVVG
94	98	VVSM	185	190	LAGPLS	270	275	VVG
98	105	MVERSGVE	185	196	LAGPLSSVSARL	274	290	DDTEDSSCYIPPLTTIK
109	114	AAVHNL	187	195	GPLSSVSAR	276	290	TEDSSCYIPPLTTIK
115	122	LAQRVSGL	198	203	LAGWHK	279	292	SSCYIPPLTTIKQD
119	125	VSGLIIN	204	212	YLTRNQIQP	293	296	FRLL
123	129	IINYPLD	208	219	NQIQPIAEREGD	293	301	FRLLGQTSV
128	135	LDDQDAIA	213	225	IAEREGDWSAMSG	296	303	LGQTSVDR
134	139	IAVEAA	216	226	REGDWSAMSGF	297	304	GQTSVDRL
139	146	ACTNVPAL	219	223	DWSAM	304	307	LLQL



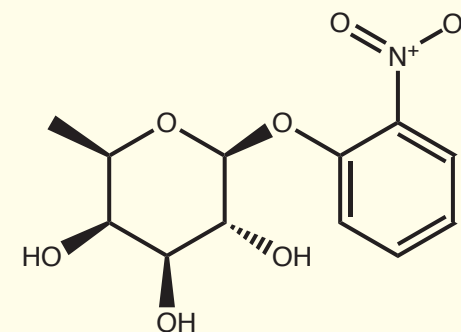
Functional states: *apo protein | inducer-bound (IPTG, TMG) | anti-inducer-bound (ONPF)
DNA-bound | DNA- and anti-inducer-bound (ONPFDNA)*

Inducers
IPTG, TMG

isopropyl-1-thio- β -D-galactoside

methyl-1-thio-β-D-galactoside

Anti-inducer ONPF



2-nitrophenyl-β-D-fucoside