

Protein: 1i8l.pdb qc: B ic D

W.T. interface:

Res #	Interactions
ARG29	17
TYR31	28
GLN33	8
LYS36	18
MET38	15
MET43	7
GLU81	4
VAL83	12
LEU85	9
ALA91	5
PHE92	14
LYS93	4
ARG94	18
LEU97	6

W.T. Interface

Interface (solvent radius 4.4 | minimum interactions 1):

Res #	Interactions
*VAL1	1
ARG29	17
TYR31	28
GLN33	8
LYS36	23
MET38	15
*THR41	1
MET43	8
*SER44	1
*ASP46	1
*ASN48	1
*TRP50	11
GLU81	5
VAL83	12
LEU85	9
*TYR87	5
*LYS89	2
*ASP90	21
ALA91	7
PHE92	15
LYS93	5
ARG94	22
LEU97	6
*GLU99	2

Interface with extended solvent radius
and/or adjusted minimum interaction threshold

potential extended interface positions: THR41 ASP90

Potential extended interface positions

All results:

VAL1	TRP	1	False	ARG	1	False
THR41	TRP	1	True	ARG	1	True
SER44	TRP	1	False	ARG	1	False
ASP46	TRP	1	False	ARG	1	False
ASN48	TRP	1	False	ARG	1	False
TRP50	ARG	11	False			
TYR87	TRP	5	False	ARG	5	False
LYS89	TRP	2	False	ARG	2	False
ASP90	TRP	21	True	ARG	21	True
GLU99	TRP	2	False	ARG	2	False

Mutation results