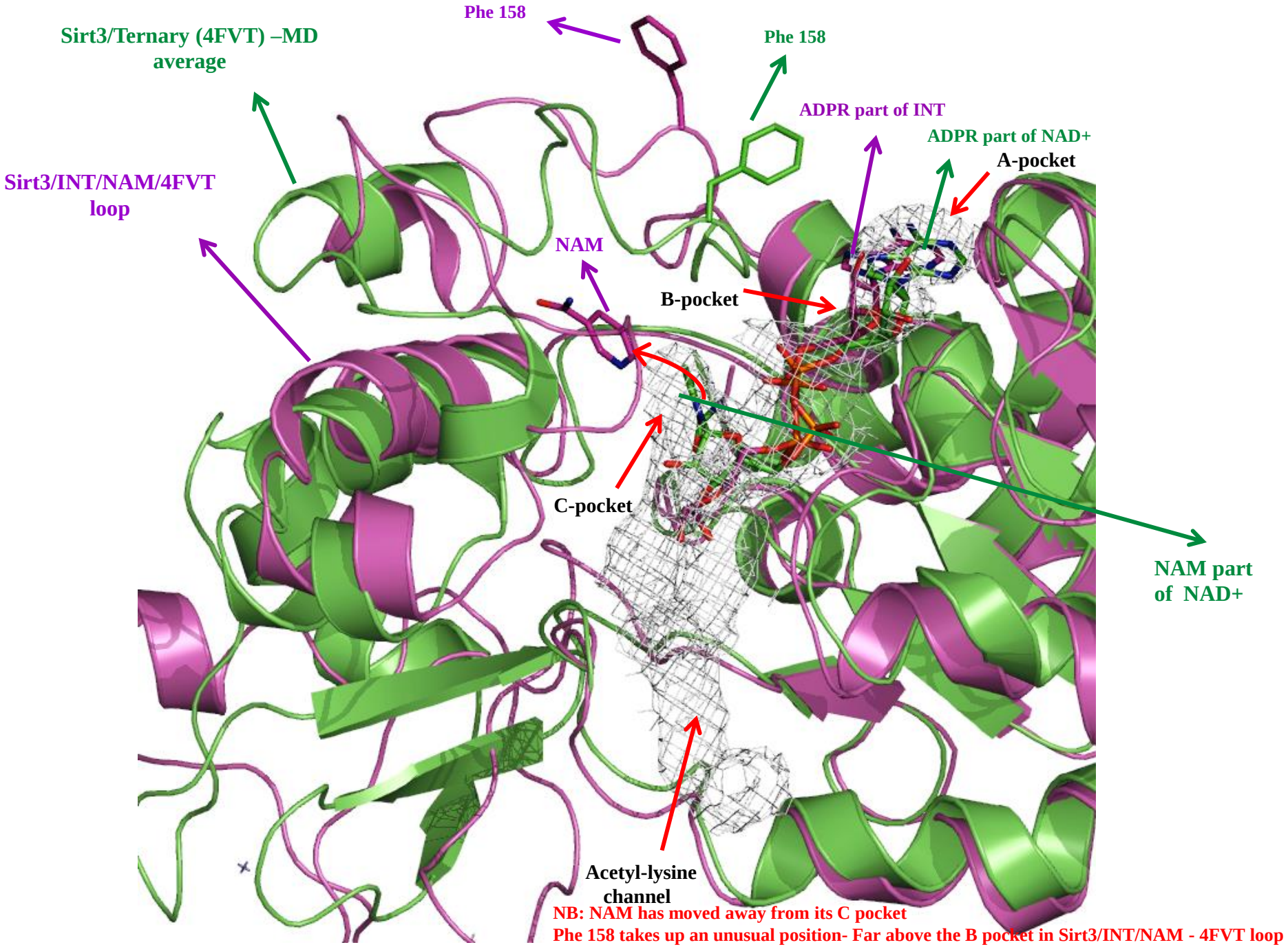
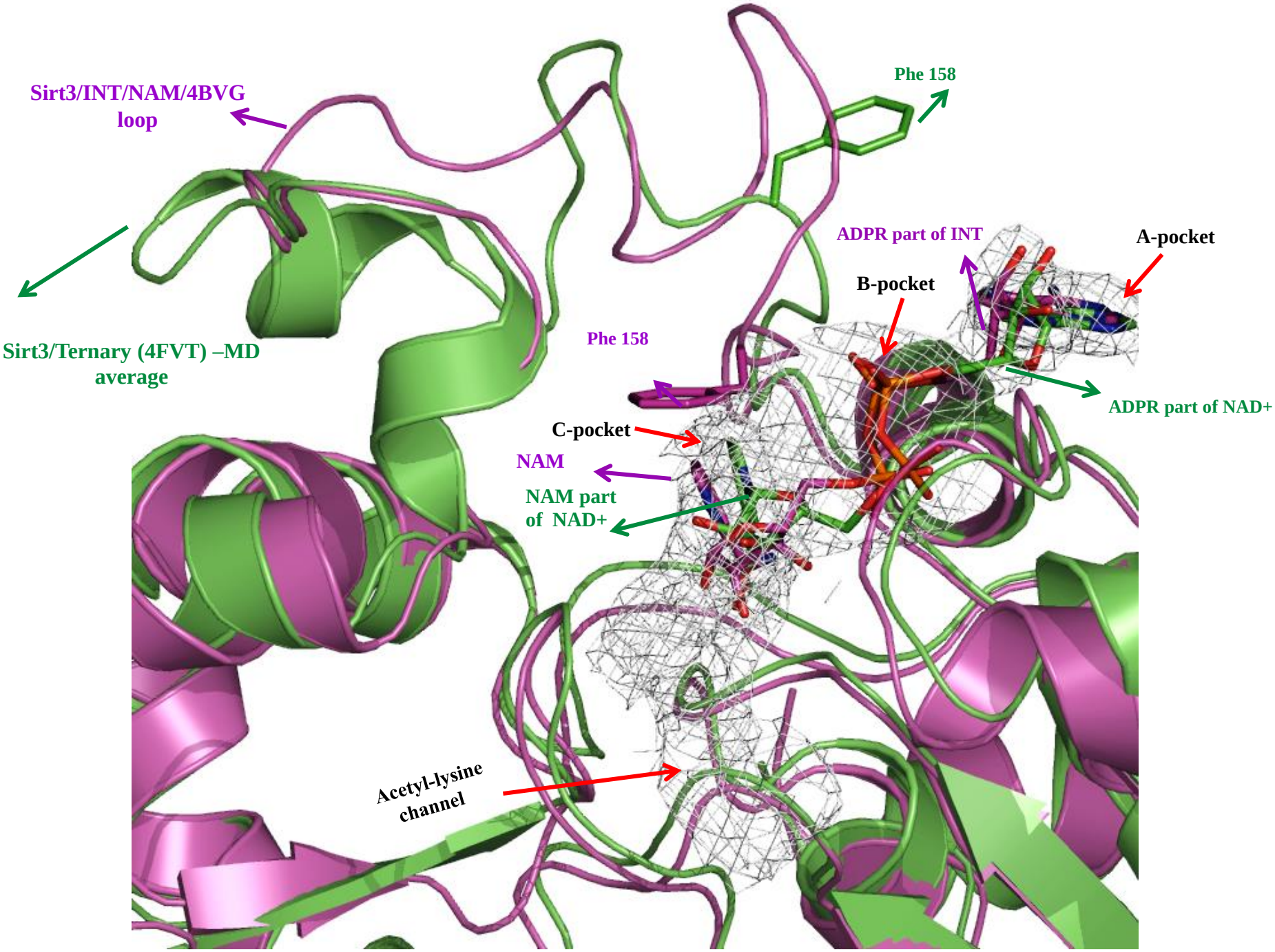
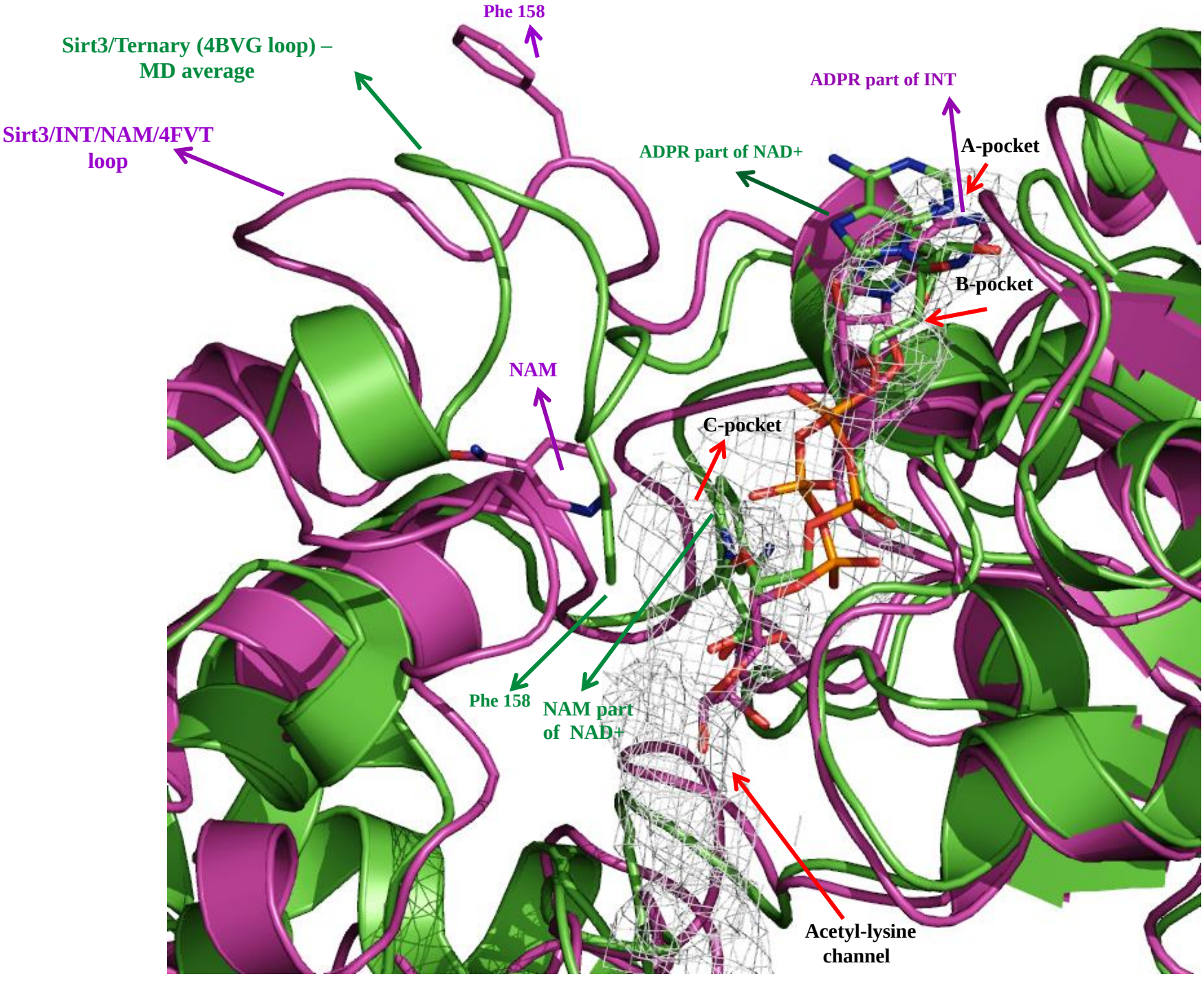
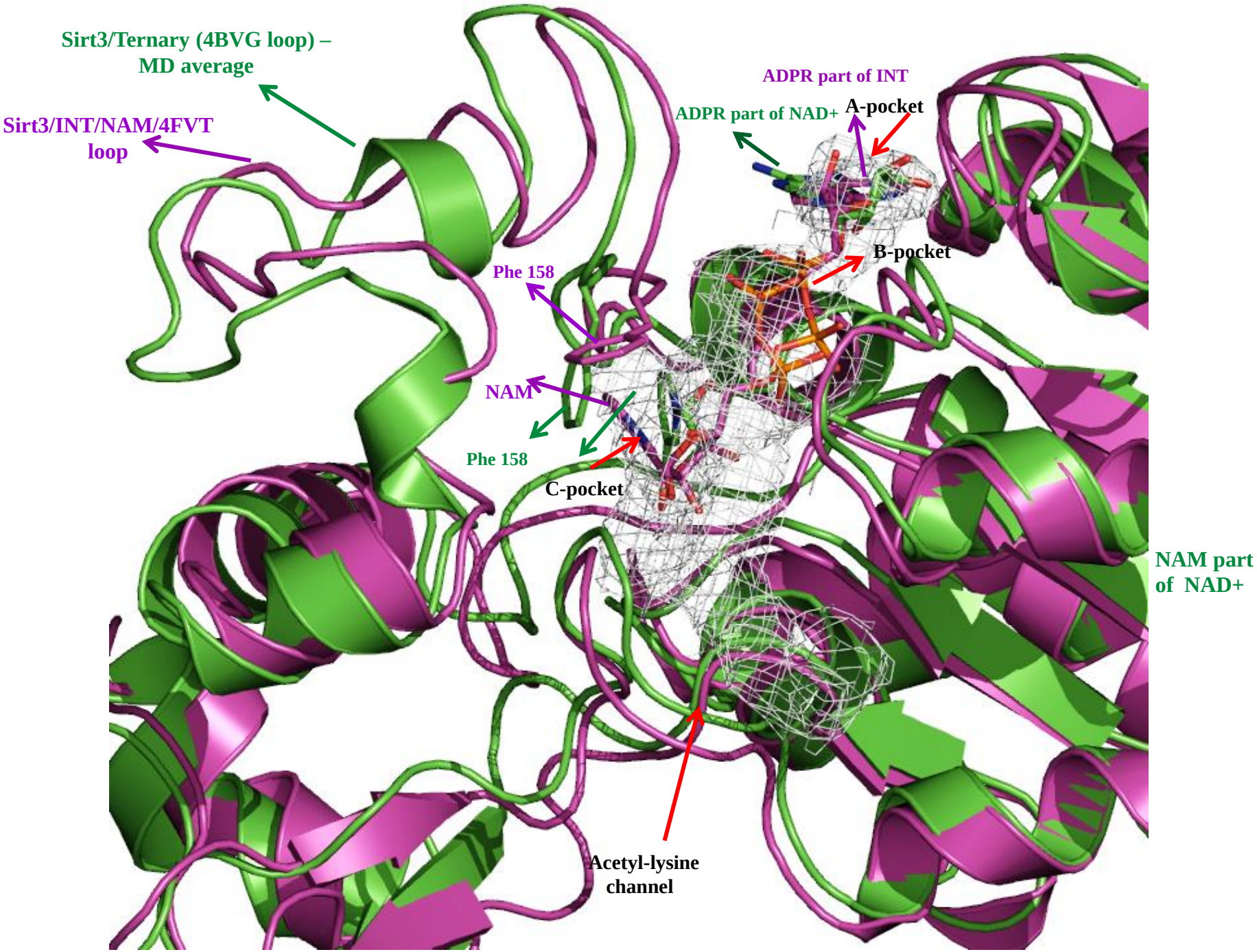


NB: NAM has moved away from its C pocket
Phe 158 takes up an unusual position- Far above the B pocket in Sirt3/INT/NAM - 4FVT loop Structure.


Sirt3/INT/NAM/4BVG loop
Phe 158
ADPR part of INT
A-pocket
B-pocket
Sirt3/Ternary (4FVT) –MD average
Phe 158
ADPR part of NAD+
C-pocket
NAM
NAM part of NAD+
Acetyl-lysine channel


Phe 158
Sirt3/Ternary (4BVG loop) –
MD average
ADPR part of INT
Sirt3/INT/NAM/4FVT
loop
ADPR part of NAD+
A-pocket
B-pocket
NAM
C-pocket
Phe 158
NAM part
of NAD+
Acetyl-lysine
channel


Sirt3/Ternary (4BVG loop) –
MD average
Sirt3/INT/NAM/4FVT
loop
ADPR part of INT
ADPR part of NAD+
A-pocket
B-pocket
Phe 158
NAM
Phe 158
C-pocket
NAM part
of NAD+
Acetyl-lysine
channel