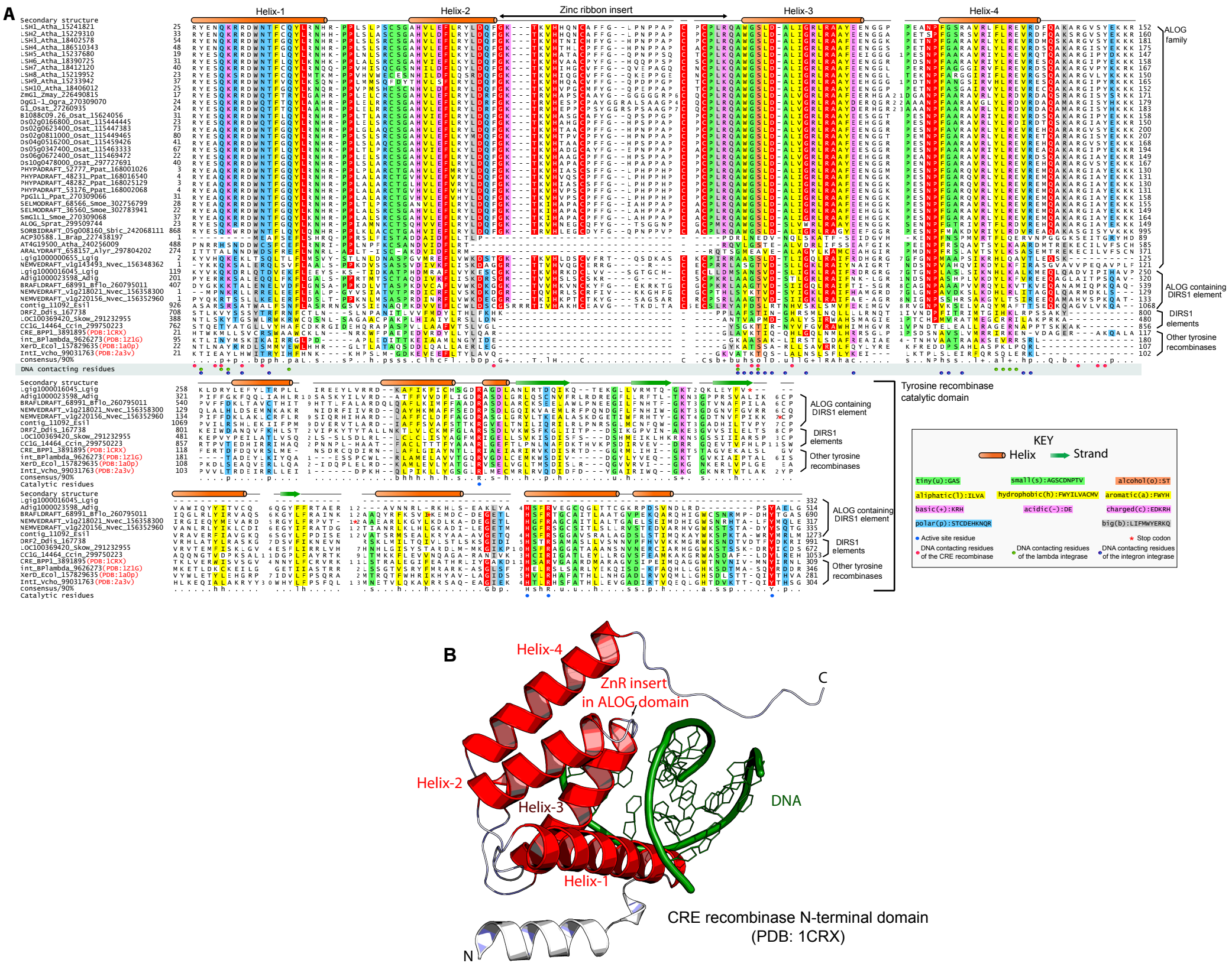
A
Helix-1
Helix-2
Zinc ribbon insert
Helix-3
Helix-4
Secondary structure
DNA contacting residues
ALOG family
ALOG containing DIRS1 element
DIRS1 elements
Other tyrosine recombinases
Tyrosine recombinase catalytic domain
Catalytic residues
KEY
Helix
Strand
tiny(u):GAS
small(s):AGSCDNPTV
alcohol(o):ST
aliphatic(l):ILVA
hydrophobic(h):FWYILVACMV
aromatic(a):FWYH
basic(+):KRH
acidic(-):DE
charged(c):EDKRH
polar(p):STCDEHKNQR
big(b):LIFMWYERKQ
Active site residue
Stop codon
DNA contacting residues of the CRE recombinase
DNA contacting residues of the lambda integrase
DNA contacting residues of the integron integrase
B
Helix-4
ZnR insert in ALOG domain
C
Helix-2
Helix-3
DNA
Helix-1
CRE recombinase N-terminal domain (PDB: 1CRX)
N