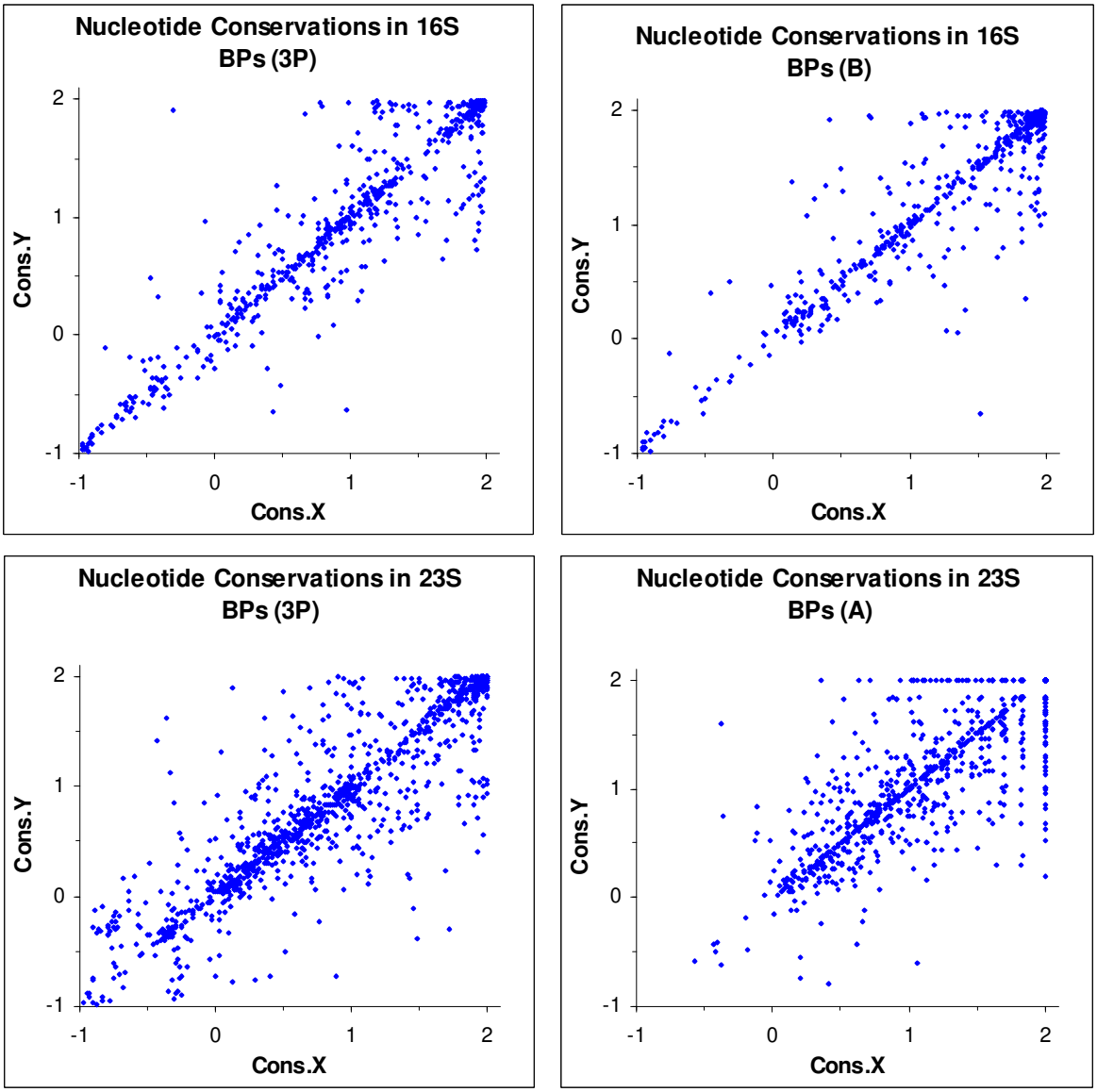
Nucleotide Conservations of Basepairs (X:Y) in the 16S and 23S rRNAs

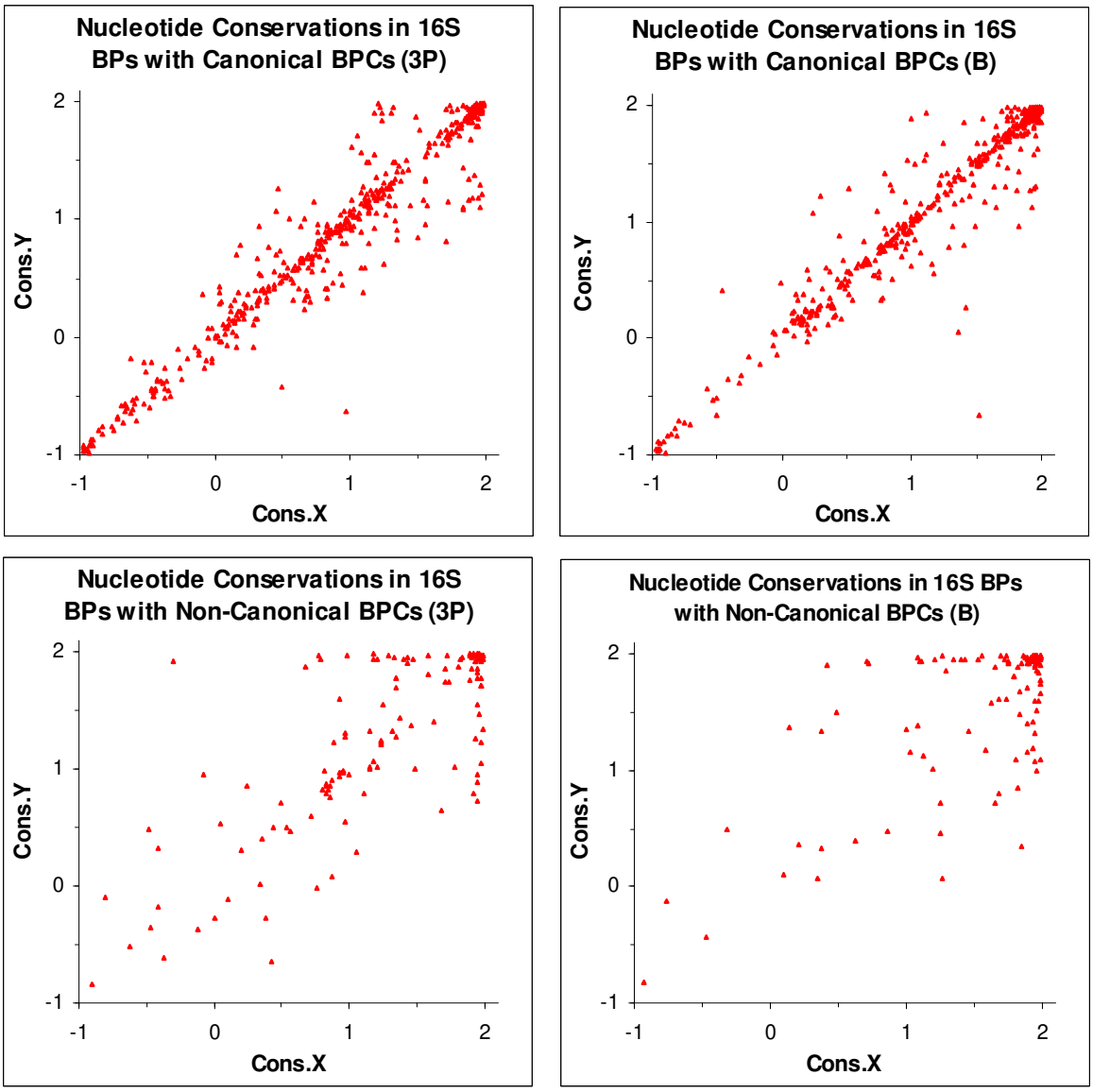
1. Nucleotide Conservations for All Basepairs in 16S and 23S rRNAs:



Legend: BPs = Basepairs; BPCs = Basepair Conformations; 3P = the three phylogenetic domains; B = bacterial domain; A = Archaeal domain; Cons.X = Conservation of Nucleotide X; Cons.Y = Conservation of Nucleotide Y.

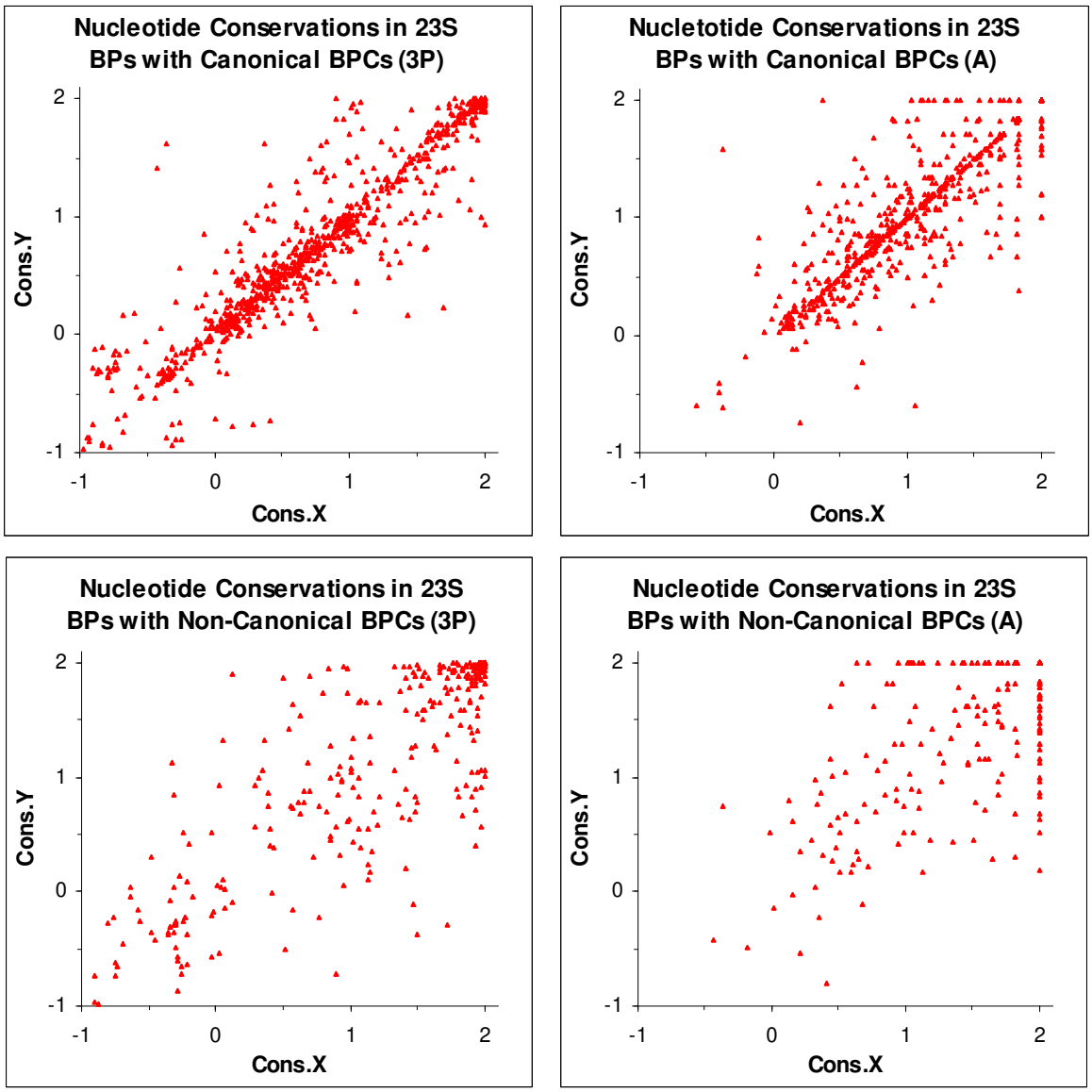
2. Nucleotide Conservations for Basepairs with Canonical or Non-canonical Conformations:

16S:



Legend: BPs = Basepairs; BPCs = Basepair Conformations; 3P = the three phylogenetic domains; B = bacterial domain; A = Archaeal domain; Cons.X = Conservation of Nucleotide X; Cons.Y = Conservation of Nucleotide Y.

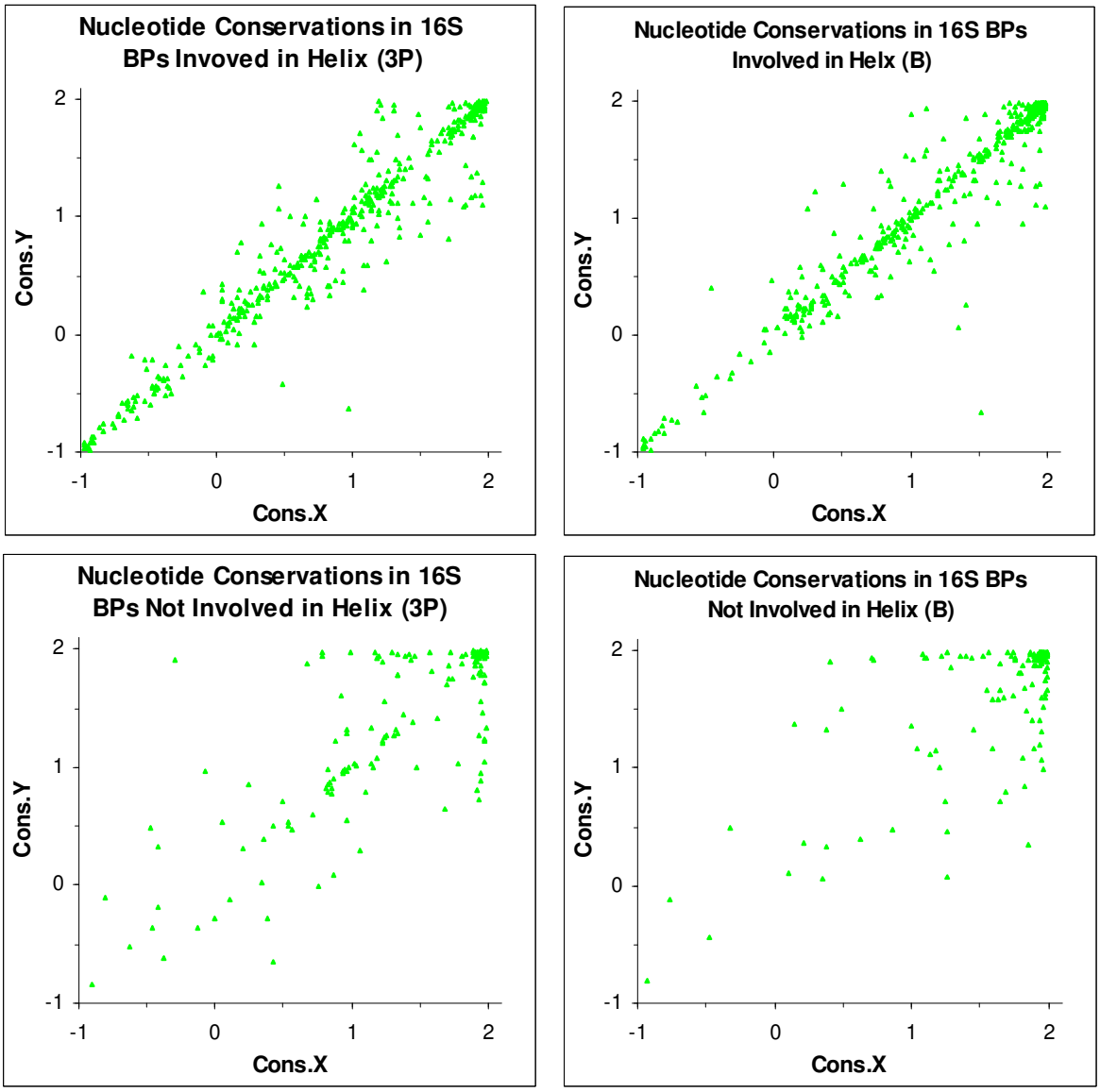
23S:



Legend: BPs = Basepairs; BPCs = Basepair Conformations; 3P = the three phylogenetic domains; B = bacterial domain; A = Archaeal domain; Cons.X = Conservation of Nucleotide X; Cons.Y = Conservation of Nucleotide Y.

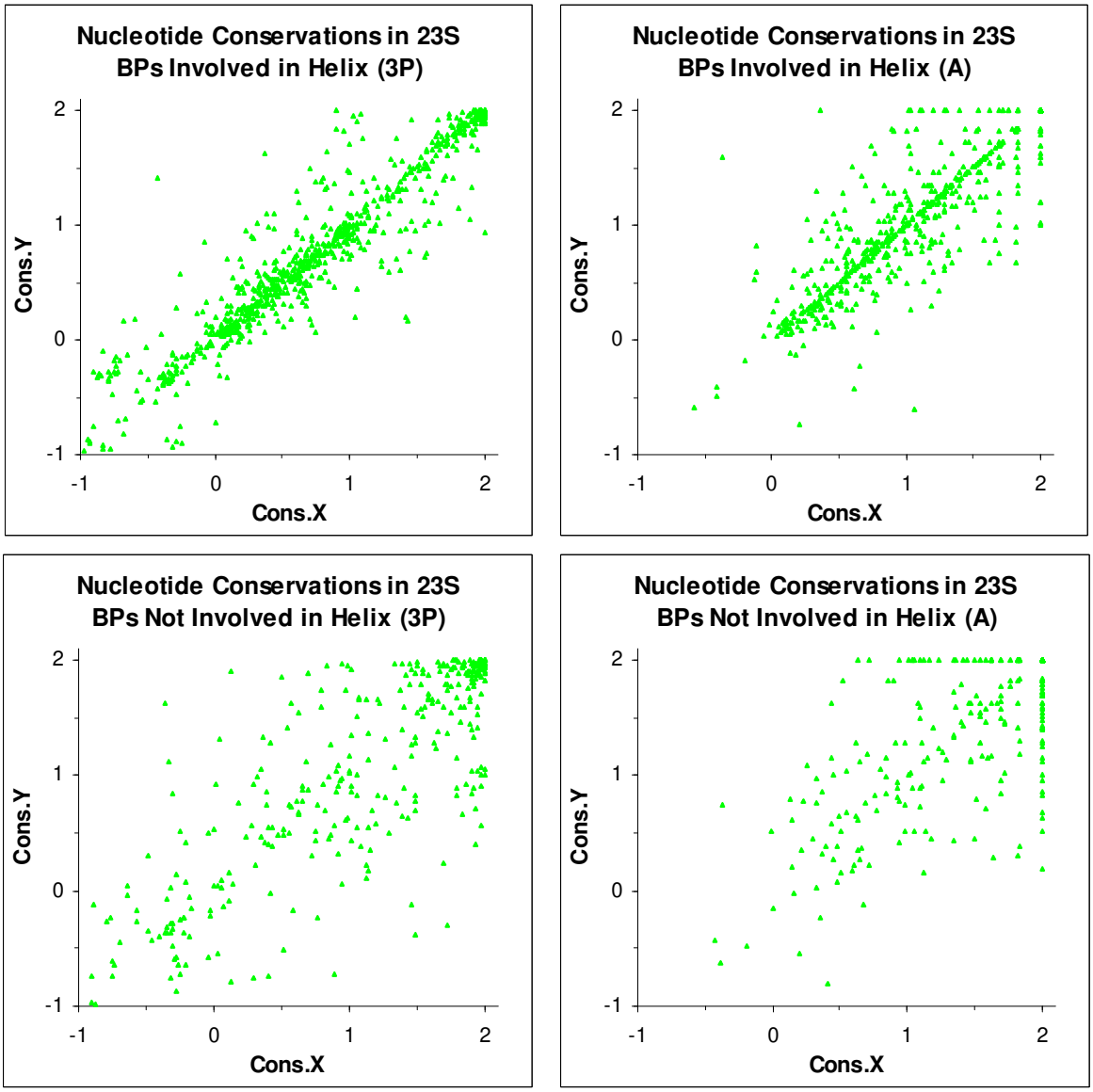
3. Nucleotide Conservations for Basepairs Either Involved or Not Involved in Helix:

16S:



Legend: BPs = Basepairs; BPCs = Basepair Conformations; 3P = the three phylogenetic domains; B = bacterial domain; A = Archaeal domain; Cons.X = Conservation of Nucleotide X; Cons.Y = Conservation of Nucleotide Y.

23S:



Legend: BPs = Basepairs; BPCs = Basepair Conformations; 3P = the three phylogenetic domains; B = bacterial domain; A = Archaeal domain; Cons.X = Conservation of Nucleotide X; Cons.Y = Conservation of Nucleotide Y.