



**Figure 2. The molecular structure of the norepinephrine transporter protein.** The norepinephrine transporter (NET) protein consists of 617 amino acids and has 12 transmembrane domains (blue rectangles). This conformation is similar to that of other membrane-associated proteins that are responsible for ion and solute transport. Missense polymorphisms identified in the human NET gene are also shown (red labels) (see Table 1), including the replacement of an alanine residue with a proline residue at position 457 (A457P) that is associated with orthostatic intolerance. Note that the number of green circles does not represent the number of amino acid residues (**fig002drn**).