**Version 2.5.2024**

**A: Download the sequence of the accession number for your version NM\_...**

1. What does this sequence encode?
2. Download the third exon of this sequence in FASTA format, how long it is?
3. Is there a restriction enzyme that would cut the sequence of the third exon exactly once?
4. Does respective protein contain any transmembrane helices?
5. How many threonins (T) does respective protein contain?
6. **NM\_017460.6**

**CYP3A4**

53nt









1. **NM\_000106.6**

**CYP2D6**



**153nt**







1. **NM\_000499.5**

**CYP1A1**



**127nt**







1. **NM\_000761.5**

**CYP1A2**



**121nt**







1. **NM\_001072.4**

**UGT1A6**



**88nt**







1. **NM\_021027.3**

**UGT1A9**



**88nt**







1. **NM\_001512.4**

**GSTA4**



**52nt**





