**Changes to *CYP2D6* genotype to phenotype translation (effective 10/2019)**

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| **Diplotypes (those affected by changes are in red)** | **Previous CPIC Definition** | **Consensus CPIC Definition** |
| Duplicated normal function alleles in combination with (1) a decreased function allele OTHER THAN *CYP2D6\*10* or (2) another normal function allele | Ultrarapid Metabolizer  AS =>2.5 | Ultrarapid Metabolizer  AS =>2.5 |
| Duplicated normal function alleles in combination with *CYP2D6\*10* (e.g., *CYP2D6\*1x2/\*10*, *CYP2D6\*2x2/\*10*)) | Ultrarapid Metabolizer  AS 2.5 | Normal Metabolizer  AS 2.25 |
| 2 normal function alleles | Normal Metabolizer  AS 2.0 | Normal Metabolizer  AS 2.0 |
| A normal function allele plus a decreased function allele OTHER THAN *CYP2D6\*10* | Normal Metabolizer  AS 1.5 | Normal Metabolizer  AS 1.5 |
| *CYP2D6\*10* plus a normal function allele (e.g., *CYP2D6\*1/\*10*) | Normal Metabolizer  AS 1.5 | Normal Metabolizer  AS 1.25 |
| All diplotypes resulting in AS of 1 (e.g., two decreased function alleles OTHER THAN *CYP2D6\*10*) | Normal Metabolizer  AS 1 | Intermediate Metabolizer  AS 1 |
| *CYP2D6\*10* plus another decreased function allele  *(e.g., CYP2D6\*9/\*10)* | Normal Metabolizer  AS 1 | Intermediate Metabolizer  AS 0.75 |
| *CYP2D6\*10/\*10* | Normal Metabolizer  AS 1 | Intermediate Metabolizer  AS 0.5 |
| *CYP2D6\*10* plus a no function allele  (e.g., *CYP2D6\*4/\*10*) | Intermediate Metabolizer  AS 0.5 | Intermediate Metabolizer  AS 0.25 |
| 2 no function alleles | Poor Metabolizer  AS 0 | Poor Metabolizer  AS 0 |