

Figure 1

|  |  | JAK2 (Li et al, 2014) | TET2 (Ko et al, 2011) |
| :---: | :---: | :---: | :---: |
| WT | $+/+$ | $+/+$ |  |
| JAK HOM | V617F/V617F | $+/+$ |  |
| TET HOM | $+/+$ | $-/-$ |  |
| JAK HOM TET HOM |  | V617F/V617F | $-/-$ |




$\begin{array}{lllll}\text { n } & 575 & 439 & 566 & 435\end{array}$
Figure 2

n

F

n
165
178
154
145

A MPN patient
 HSPCs

## Secondary




D


Figure 3


Figure 4


Figure 5


