

Terminology for the Reconsideration of Absolute Neutrophil Count Reference Ranges by Duffy Status

Formal Project Title: Reconsideration of Absolute Neutrophil Count Reference Ranges by Duffy Status

Short Project Title: ANC by Duffy Status

Terminology Guidance

In order to maintain accuracy, consistency, and sensitivity in our communications related to the project, we provide the following guidance on the usage of specific terminology:

Duffy-null:

Duffy-null phenotype:

The "Duffy-null phenotype" refers to the absence of the Duffy antigen on red blood cells due to genetic variation in ACKR1

Duffy non-null:

- Use "Duffy non-null" when referring to individuals with the Duffy positive or Duffy heterozygous (Duffy a positive or Duffy b positive) which collectively are phenotypes that are not associated with lower ANC.

Duffy status:

- Use "Duffy status" when discussing the genetic status related to the presence or

When discussing frequency of the Duffy-null phenotype, avoid using race alone. Rather, describe evolutionary pressures that resulted in the Duffy-null phenotype in malarial endemic regions in Sub-Saharan African and the Arabic Peninsula which resulted in those of certain genetic ancestries to be more likely to have the genetic mutation in ACKR1 resulting in the Duffy-null