

Knops Antigens

KN1 Kn^a

KN2 Kn^b

KN3 McC^a

KN4 SI1

KN5 Yk^a

KN6 McC^b

KN7 Vi1

KN8 SI3

KN9 KCAM

Knops Alleles

Reference Allele *KN*01*=

KN1 KN3 KN4 KN5 KN8 KN9

Kn^a *McC^a* *SI1* *Yk^a* *SI3* *KCAM*



Kn^b

*KN*02*

Knops Alleles

Reference Allele *KN*01*=

KN1 KN3 KN4 KN5 KN8 KN9

Kn^a *McC^a* *SI1* *Yk^a* *SI3* *KCAM*



McC^b

*KN*01.06*

Knops Alleles

Reference Allele *KN*01=*

KN1	KN3	KN4	KN5	KN8	KN9
<i>Kn^a</i>	<i>McC^a</i>	<i>SI1</i>	<i>Yk^a</i>	<i>SI3</i>	<i>KCAM</i>



Vil
*KN*01.07*

Knops Alleles

Reference Allele *KN*01*=

KN1	KN3	KN4	KN5	KN8	KN9
Kn ^a	McC ^a	SI1	Yk ^a	SI3	KCAM

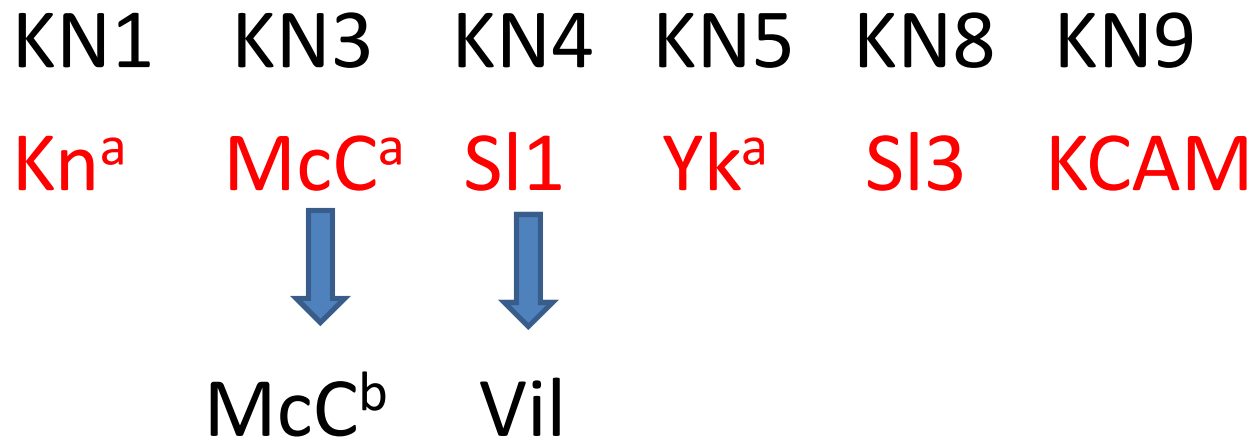


KCAM neg

KN*01.09

Knops Alleles

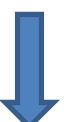
Reference Allele *KN*01*=



Knops African Haplotype

Reference Allele *KN*01*=

KN1	KN3	KN4	KN5	KN8	KN9
Kn ^a	McC ^a	SI1	Yk ^a	SI3	KCAM


McC^b


ViI


KCAM neg

Multiple Variations

McC(a-b+), SI-1, Vil+, KCAM neg

McC(a-b+), SI-1, Vil+, **KCAM pos**

McC(a-b+), **SI1, Vil-**, KCAM neg

McC(a+b-), SI-1, Vil+, KCAM neg

Nomenclature Proposal

- Continue numbering from the reference allele

*KN*01.10, KN*01.11, etc.*

- Expand the allele number

*KN*01.06.07.-09*

- Subdivide the allele number

*KN*01.06.01, KN*06.01.02*