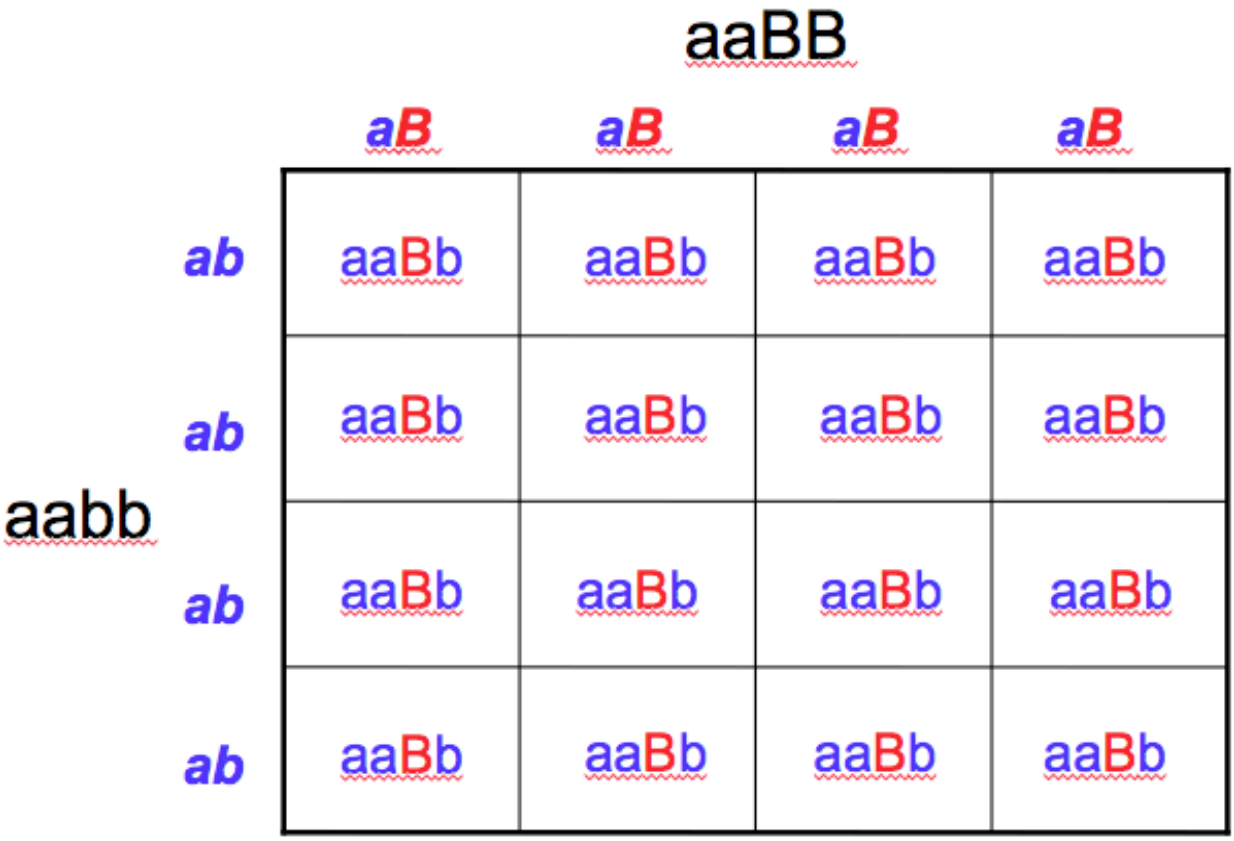
DERMATOMYOSITIS

Results of Various Breeding Combinations for a Dog with aaBB Genotype

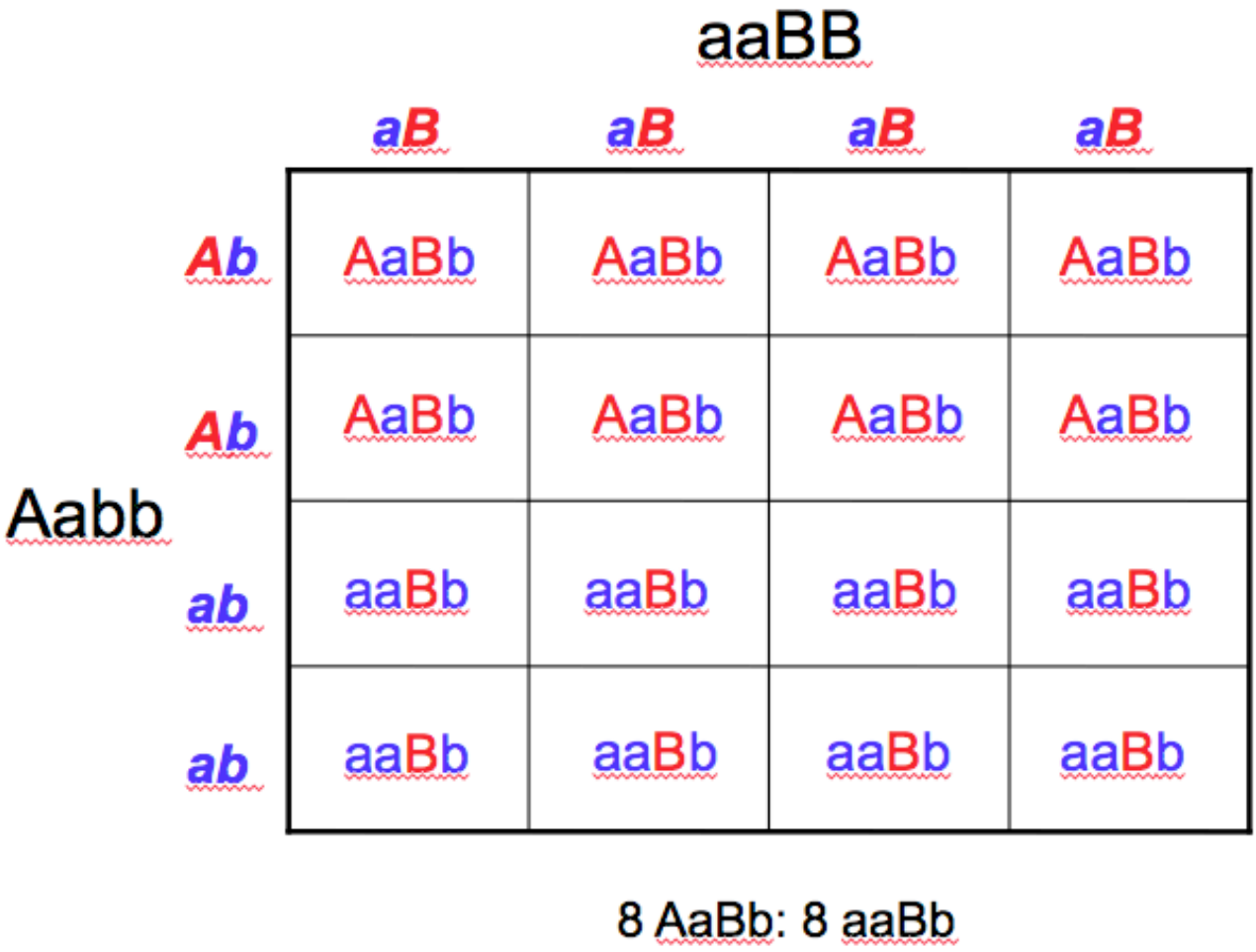
Red are risk alleles, blue are "wild type," normal alleles.

(Punnett squares provided courtesy of the Clark Canine Genetics Research Laboratory, Clemson University.
http://www.clemsoncaninegenetics.com/



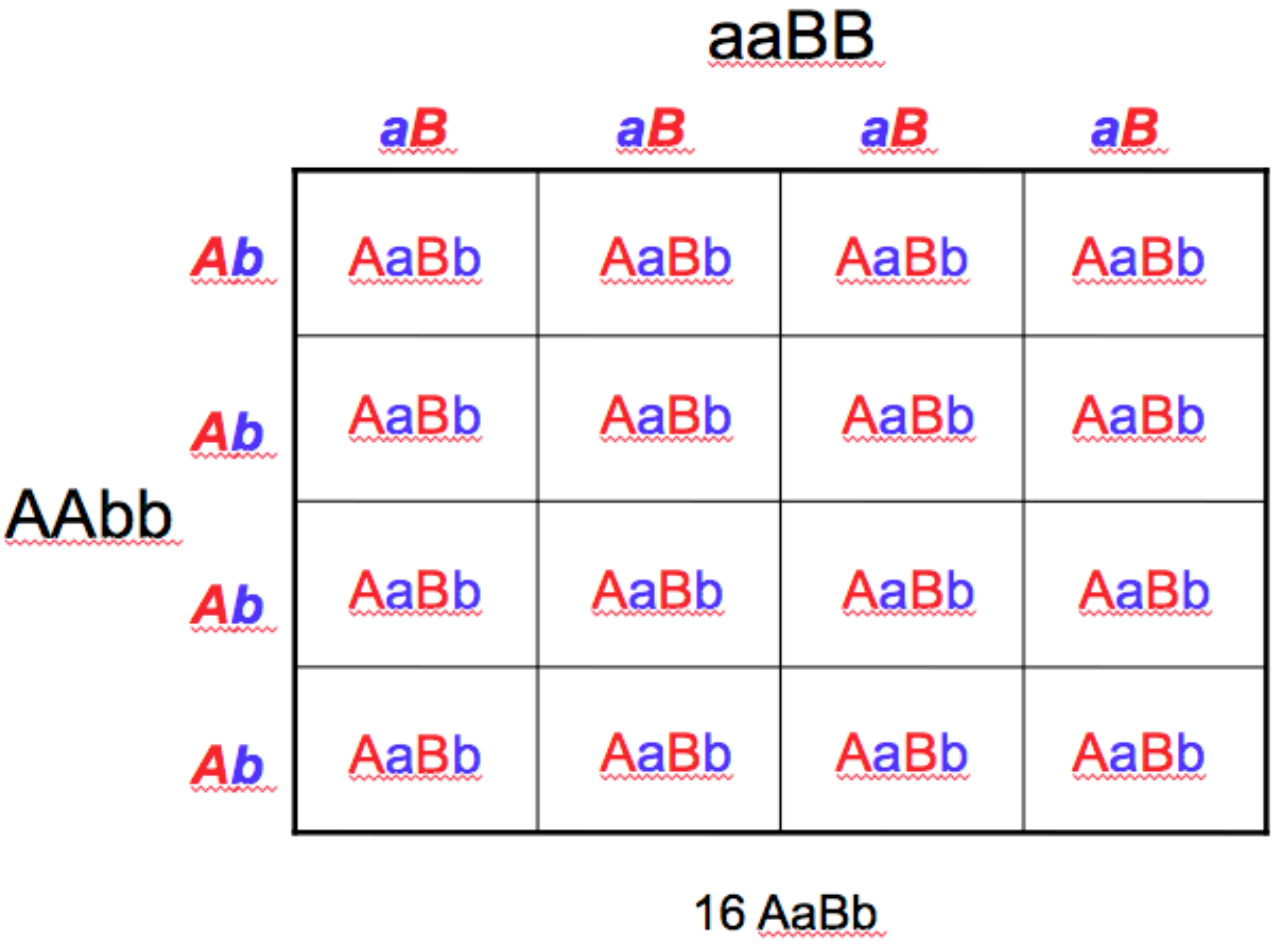
16 aaBb

All low risk with homozygous or heterozygous *DLA-DRB1*002:01*

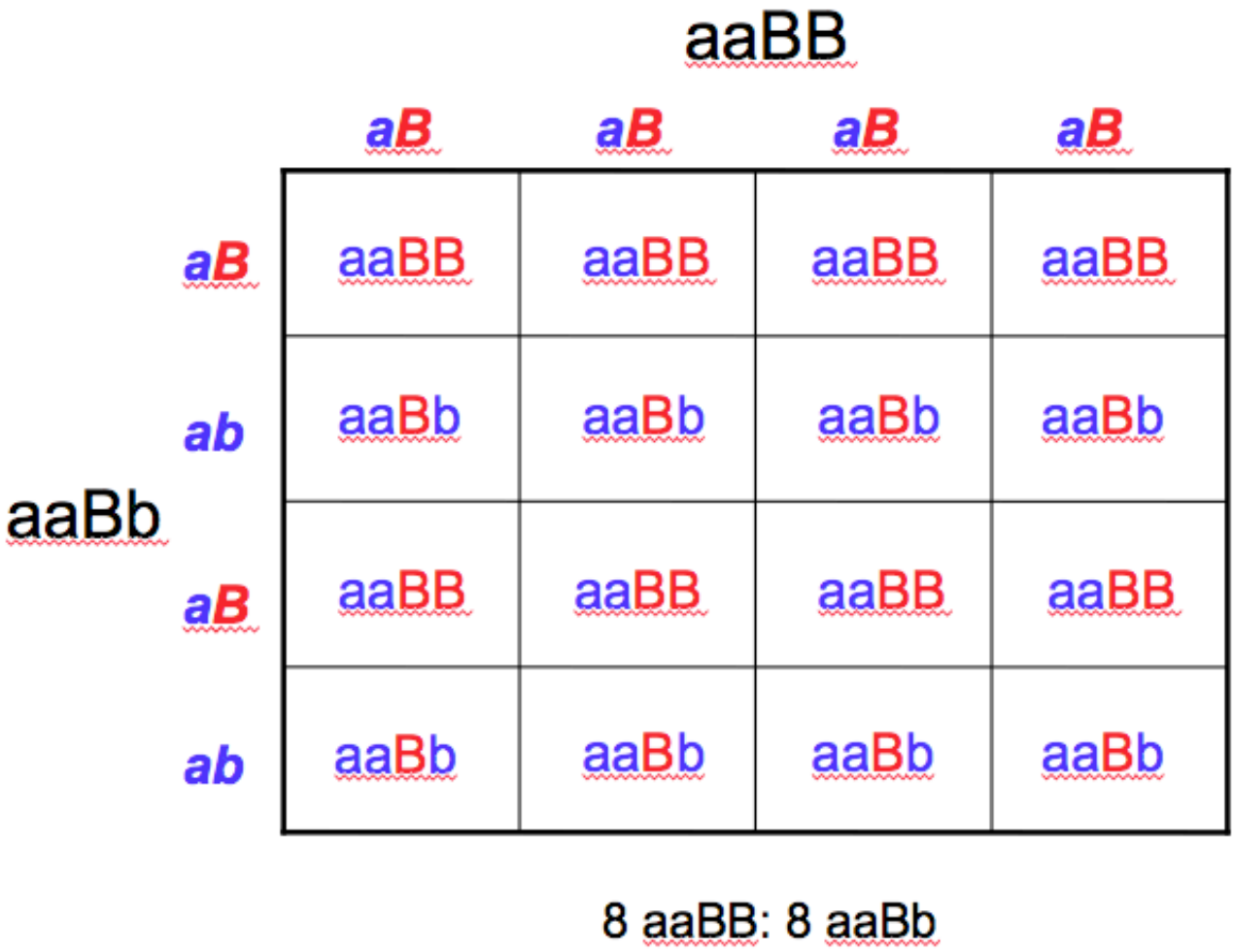


8 AaBb: 8 aaBb

All low risk with homozygous or heterozygous *DLA-DRB1*002:01*



All low risk with homozygous or heterozygous *DLA-DRB1*002:01*

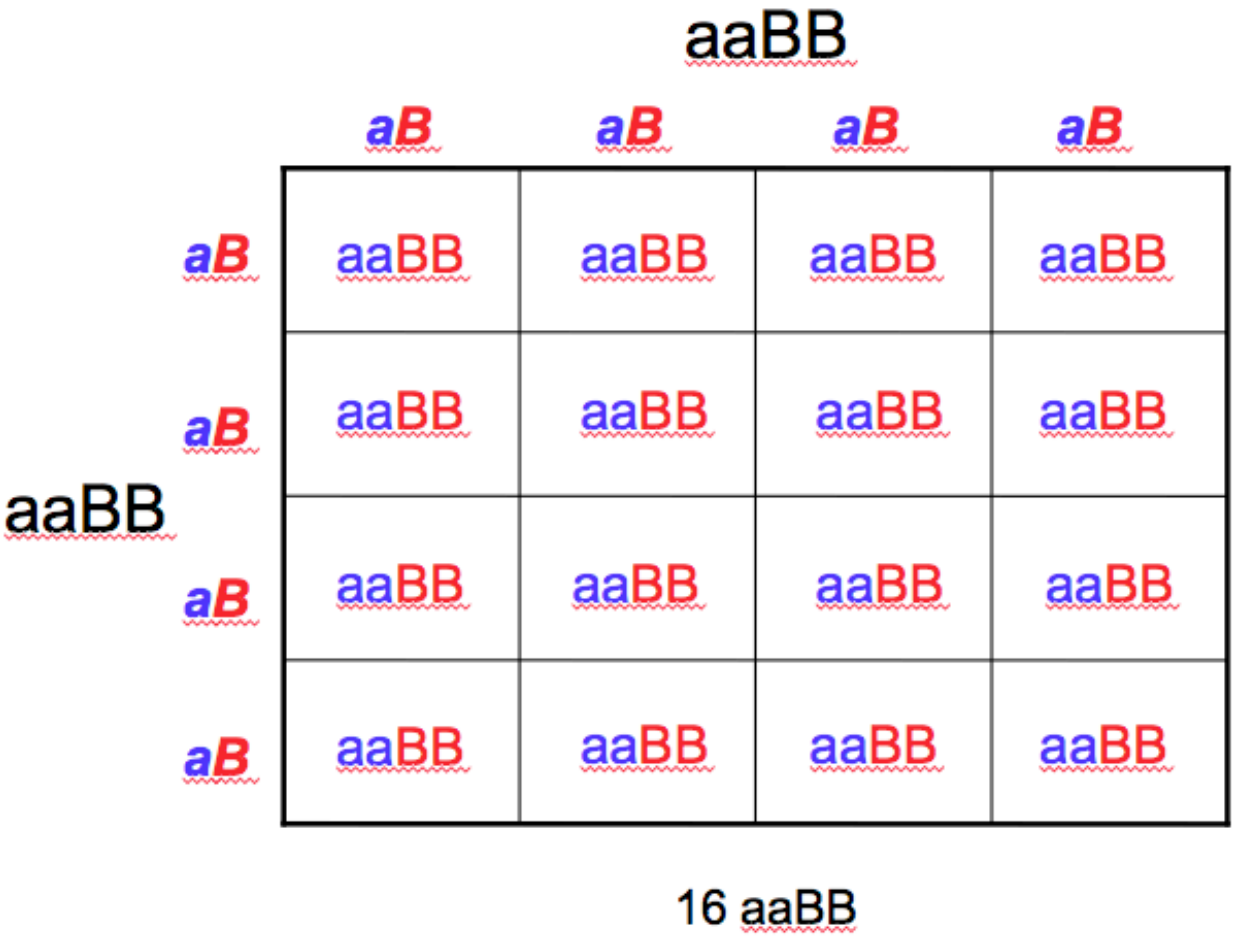


8 aaBB: 8 aaBb

8-16 low risk: **8 aaBb with homozygous or heterozygous *DLA-DRB1*002:01***

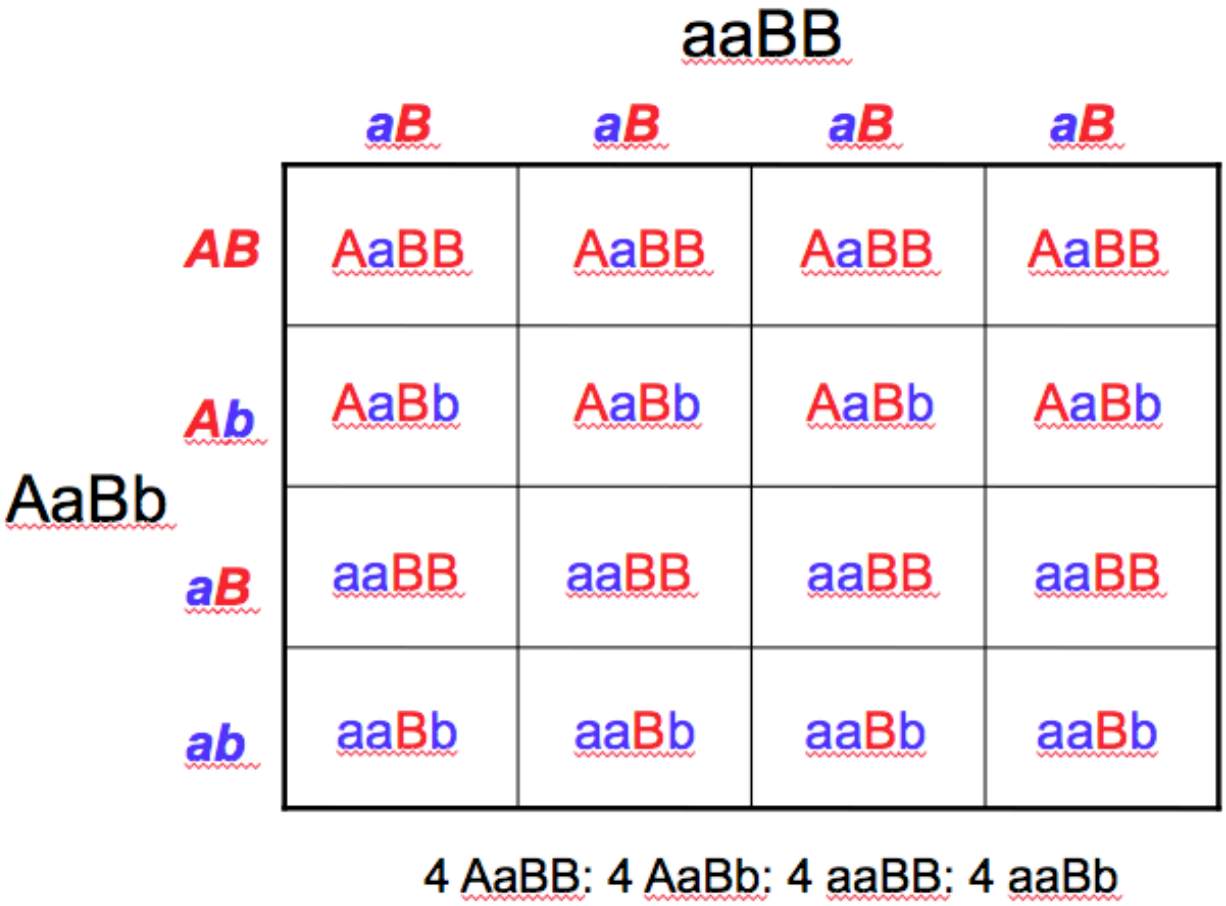
0-8 aaBB with heterozygous *DLA-DRB1*002:01*

0-8 moderate risk: **aaBB with homozygous *DLA-DRB1*002:01***



0-16 low risk **aaBB with heterozygous *DLA-DRB1*002:01***

0-16 moderate risk **aaBB with homozygous *DLA-DRB1*002:01***



4 AaBB: 4 AaBb: 4 aaBB: 4 aaBb

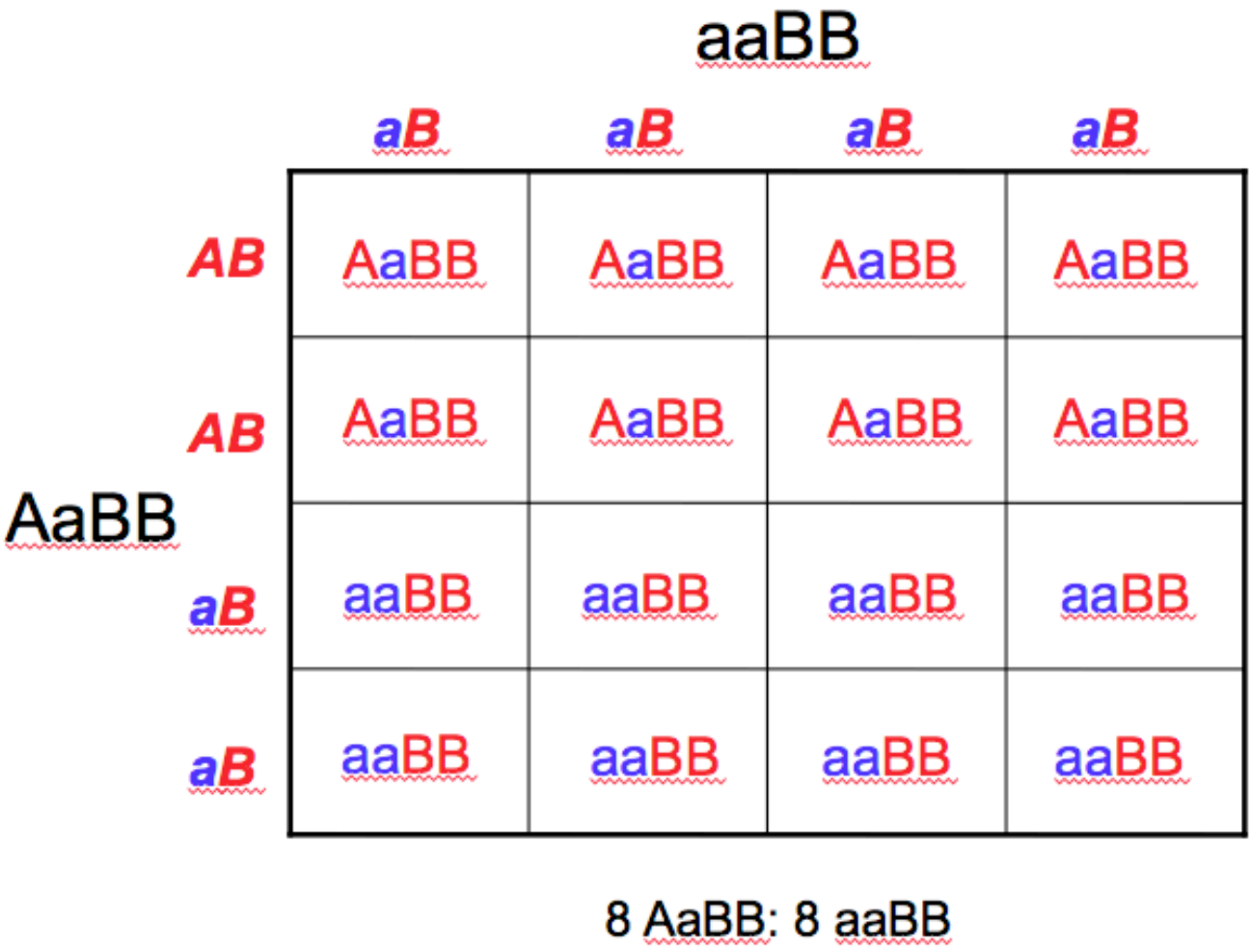
8-12 low risk: **4 AaBb, 4 aaBb with homozygous or heterozygous *DLA-DRB1*002:01***

0-4 aaBB with heterozygous *DLA-DRB1*002:01*

0-8 moderate risk: **0-4 aaBB with homozygous *DLA-DRB1*002:01***

0-4 AaBB with heterozygous *DLA-DRB1*002:01*

0-4 high risk: **AaBB with homozygous *DLA-DRB1*002:01***

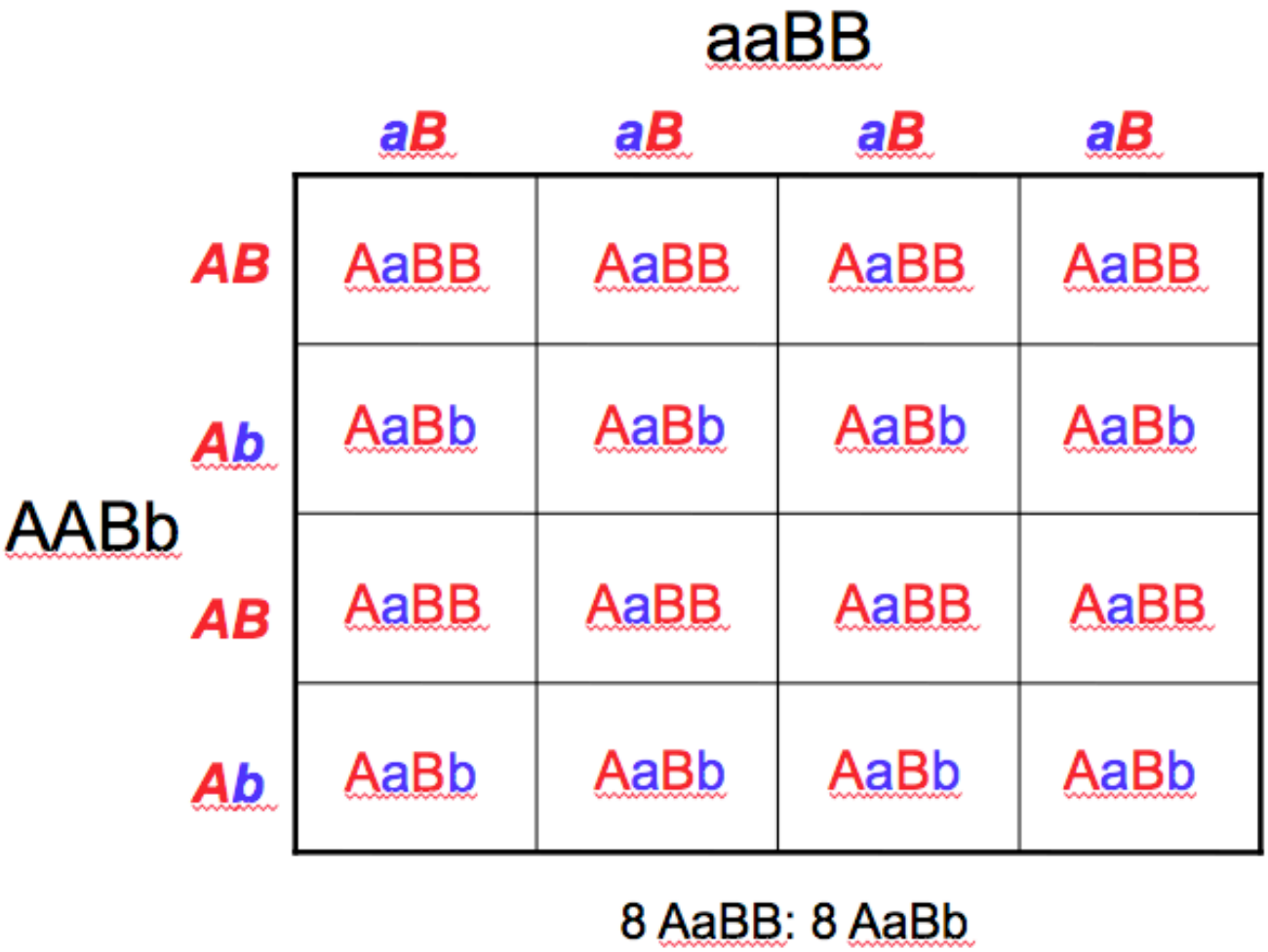


0-8 low risk: **aaBB with heterozygous *DLA-DRB1*002:01***

0-16 moderate risk: **0-8 aaBB with homozygous *DLA-DRB1*002:01***

0-8 AaBB with heterozygous *DLA-DRB1*002:01*

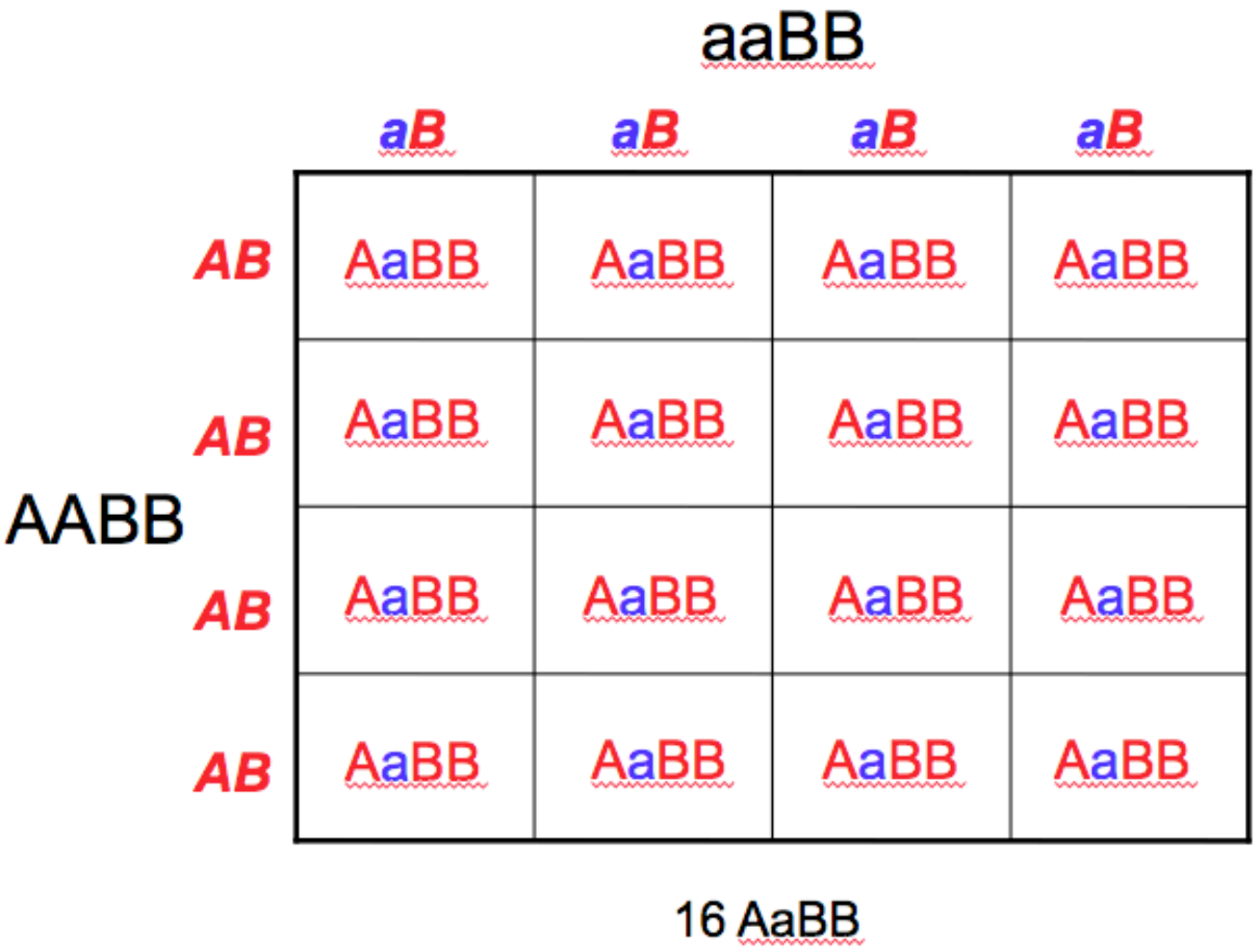
0-8 high risk: **0-8 AaBB with homozygous *DLA-DRB1*002:01***



8 low risk: **AaBb with homozygous or heterozygous *DLA-DRB1*002:01***

0-8 moderate risk: **AaBB with heterozygous *DLA-DRB1*002:01***

0-8 high risk: **AaBB with homozygous *DLA-DRB1*002:01***



0-16 moderate risk: AaBB with heterozygous *DLA-DRB1*002:01*

0-16 high risk: AaBB with homozygous *DLA-DRB1*002:01*