

## Results of Genetic Testing

### Charmed Phoebe

Test Name	Description of Disease or Trait	Results
PK Deficiency (PK-def)	Inherited hemolytic anemia. Symptoms of this anemia can include: severe lethargy, weakness, weight loss, jaundice, and abdominal enlargement.	No copies of the PK deficiency gene. Cat is normal.
Progressive Retinal Atrophy (PRA) PRA-CEP290, PRA-CRX, PRA-pd	Inherited late onset blindness.	No copies of the gene mutations that cause PRA. Cat is normal.
Mucopolysaccharidosis VI	Causes mobility problems, paralysis and degenerative joint disease.	No copies of the gene mutations that cause PRA. Cat is normal.
Polycystic Kidney Disease (PKD1)	Causes cystic kidneys.	No copies of the PKD1 gene. Cat is normal.
Agouti A/A	A gene that causes banded hair. The ALC agouti gene can cause charcoal coloring in cats.	Cat will produce kittens with banded hair.
Dilute D/D	Dilution causes uneven distribution of the pigment in the fur shaft and dilution of all colors	No dilute allele. Cat is full color.
Colorpoint C/C	Certain alleles that create sepia or Siamese point colors.	No colorpoint alleles.
Long Hair M1-M4	There are 4 genes that create long hair.	None of the 4 long hair gene mutations found. Cat cannot produce long hair kittens.