

## **Pedigree Dogs Mystery – Who is the father?**

|                       | <b>Father</b> |
|-----------------------|---------------|
| <b>Family Group 1</b> | <b>6</b>      |
| <b>Family Group 2</b> | <b>2</b>      |
| <b>Family Group 3</b> | <b>4</b>      |
| <b>Family Group 4</b> | <b>1</b>      |
| <b>Family Group 5</b> | <b>5</b>      |

### **Family Group 6**

**The father of puppies A and C is Father dog 3. However, puppy B does not belong to this family. It has different bands, and so different DNA from Mother dog 6 and Father dog 3. If you look at the bands carefully you can see that this puppy belongs to Family Group 1, and in fact has the same DNA pattern as puppy B listed.**