

## Breed planning from Lasse vom Goldbergsee and Ekhöjdens Örnie

Parents	Grand parents	Great grandparents	Great great grandparents
BH/AD IPOI IPOII IPOIII LASSE VOM GOLDBERGSEE (2.34%) VDH 13RS 61012096 HD: A1 (0), ED: 0, Eyes Ok	AD BH IPOI IPOII IPOIII FHII Bodo vom Hexenwald (0.20%) VDH 09RS 61008761 HD-A1, Eyes ok	AD/BH IPOI IPOII IPOIII Odin vom Dammkrug (2.34%) HD-A1	IPOIII SCHHIII Ursus vom Hatzbachtal (0.78%) AD BH VPGIII Marry vom Dammkrug (0.20%)
	BH, AD Arra Hanno Veto (0.59%) VDH 12RS61U00109 HD-A2	IPOIII FHII Jeanne d'Arc von Di's Dämonen (0.39%) HD-A1	BH/AD IPOI Eagle vom Kossower Land (0%) AD Kbsg Djamila von Di's Dämonen (0.39%)
		AD/BH VPGIII IPOIII Xelo von der Villa Klara (0.78%) HD-A1	IPOIII Uras vom Hatzbachtal (0.78%) AD VPGIII RHI Åkerblommans Immigrant (2.34%)
		BH IPOI Whoopi Hanno Veto (0%) HD-0/0	IPOIII FHII Ivo von der Klinger (4.30%) AD IPOI Uschka Hanno Veto (2.15%)
SPHI SPHII SÖKHI SÖKII SÖKHIII EKHÖJDENS ÖRNIE (0.20%) SE 37442/2014 HD-A/A ED-0, Thyroid ok, Eyes ok	IPOIII, VPGIII, FHII Robbie vom Hatzbachtal (0.20%) VDH 05RS61003870 HD-A1 ED-0 Heart ok, Thyroid ok	IPOIII Kastor von der Villa Klara (0%) HD-A	SCHHII Adamo von der Villa Klara (0%) SCHHII RHII Quini vom Teufelshof (1.17%)
	KORAD SEBCH SEUCH LPI LPII Ekhöjdens Kokos (0%) SE 34963/2008 HD-A ED-0 Eye ok, Thyroid ok	VPGII Drixi vom Hatzbachtal (0.78%) HD-A1	SCHHIII VPGIII FHI Black vom Messeler Park (1.17%) IPOIII Nelly vom Hatzbachtal (0.59)
		AD VPGIII IPOIII FHII Ferro von Elberfeld (2.54%) HD-A2	IPOIII VPGIII Falko von Elberfeld (3.13) SCHHIII FHI Miss Lee von Elberfeld (0.59)
		KORAD TJH SPHII SÖKHII RPHI Bardlands Fixa (0.98%) HD-A ED-0	TJH KORAD SEUCH SPHIII Displays Busther (1.37%) KORAD SPHI Bardlands Ada (0.98%)

### Inbreeding coefficient:

The inbreeding coefficient is the likely proportion of homozygous loci of an animal (or a test mating) to. Since the exact method by Wright for our online tool is too complex to calculate, we use an approximate formula:  $IK = \text{sum} (1 / 2)^{n1 + n2 + 1}$  is the true value very well.

### Ancestor loss coefficient:

The ancestral loss coefficient describes the percentage of actual ancestors in relation to all possible ancestors. An AVK of 100% means that none of the same ancestors found in the pedigree. A lower value means that exist in the pedigree animals twice or more times.

### Breeding coefficient / ancestor loss

The inbreeding coefficient for these dogs is 0.49% and the number of considered generation is 6

The ancestor loss coefficient for this pairing is 89.68% and the number of considered generation is 6

### Line breeding about 6 generations

Ali Black vom Messeler Park

Nelly vom Hatzbachtal

Sandro von Elberfeld

### Pedigree of sire

6

6

6

### Pedigree of dam

4

4

5