zoolyx

**WEGNEZ MICHÈLE**
CHÊNE-AL'PIERRE 16
BE-6960 MANHAY

**ZOOLYX -**
ZONNESTRAAT 3
BE-9300 AALST

**Votre réf.:**

**OPIUM DES FIELDS D'EST**
11 m (3/05/2018)
Golden Retriever

Micropuce 250269608050418
Tatouage 250269608050418
Pedigree LOF8RET.GOL.179020

**COMPLET**
04/04/2019

| | | |
|---|---|---|
| Notre réf. | **1902-20007** | 1810-01400 |
| Réception | **26/10/2018** | 26/10/2018 |

## RENSEIGNEMENTS CLINIQUES

## EXAMEN GENETIQUE

**CB Golden Retriever** :

**Maladies héréditaires** :

*Légende*
*Transmission récessive*
*-/- ou -: homozygote sauvage, mutation absente, sain*
*+/-: hétérozygote mutant, mutation dans un gène, autre gène normal, porteur*
*+/+ ou +: homozygote mutant, mutation dans tous les gènes, malade*

*Transmission dominante*
*--/--: homozygote sauvage, mutation absente, sain*
*++/--: hétérozygote mutant, mutation dans un gène, malade*
*++/++: homozygote mutant, mutation dans les deux gènes, malade*

| Résultat | Résultats précédentes | Unité | Référence |
|---|---|---|---|
| Degenerative myelopathy 1 | -/- | | SOD1 c.118G>A |
| Epidermolysis bullosa | -/- | | COL7A1 5716G>A |
| Golden Retriever Ichthyosis | -/- | | PNPLA1 indel |
| Golden Retriever PRA 1 | -/- | | SLC4A3 insC |
| Golden Retriever PRA 2 | -/- | | TTC8 c.669delA |
| Hip laxity 1 | ↑↑ +/+ | | |
| Hip laxity 2 | ↑↑ +/+ | | |

Hip laxité conclusion

Hip laxity mutations might result in slightly increased laxity of the hip joints. However many more markers need yet to be researched to correctly assess the hip laxity risk. To date clinical consequences of the presence of these mutations can not be reliably estimated. The distraction index (DI) measured by the Pennhip procedure is currently the most reliable method. The FCI method has many false results.

From a breeding point of view it is advisable as precautional measure to look for a partner free (-/-) from this mutations.

| | | | |
|---|---|---|---|
| Muscular dystrophy, Duchenne 3 | -/- | | DMD A>G |
| NCL5 GR | -/- | | CLN5 delAG |
| Osteogenesis imperfecta 3 | --/-- | | COL1A1 G>C |

| | | |
|---|---|---|
| prcd PRA | -/- | PRCD G>A |

**Conclusion**

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Beside one or more hip laxity markers, the animal is found to be free of all scientifically proven and known disease-related mutations as stated in the present report. There are no genetic indications of future clinical problems.

Important remark
It can not be guaranteed that still other and yet unknown mutations are present leading to other or similar diseases.

* Further information on the tested diseases can be found on the OMIA web site (http://omia.angis.org.au/home/) or Zoolyx wikilab.

**REMARQUES**

Pas de frais admin :

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Validé par Da. Tom Nagels

Disclaimer: