FALCON PARENTAGE
YOUR RESULTS

28 July 2023

Dear chXout,

Test Report for project reference PAR-ABC

Your samples have been processed by Complement Genomics Ltd chXout® Team for the analysis of eleven autosomal DNA markers for peregrine/gyr falcons.

Our results can be summarised as follows with detailed analysis shown in Appendix 1 (page 2):

Parentage analysis:
From the analysis of eleven DNA markers, we observed zero mismatches between the potential father (Peregrine 1) and the chick (Peregrine 3), meaning that parentage qualifies.

In summary, the DNA evidence confirms the alleged male parent, Peregrine 1, as being the true biological male parent of Peregrine 3.

DNA analysis confirms that Peregrine 2 is the female parent of the tested chick, Peregrine 3 (parentage qualifies).

QR Code:

Your QR code links to an online version of this document for verification purposes.

If you have any queries, please do not hesitate to contact us.

We look forward to working with you again soon.

Yours Sincerely

Reported by: Approved by:

Signature   *Signature*

Name   Name
Job Title   Job Title

chXout is a trademark of Complement Genomics Ltd.
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APPENDIX 1

Our ref: PAR - ABC_XX
Client name: chXout
Client ref no: ABC123

KEY
Mismatch with chick (see rules below)
Match with chick (see rules below)

Marker	Relationship	Potential Father	Mother	Chick
		Sample ID:	Sample ID:	Sample ID:
		Peregrine 1	Peregrine 2	Peregrine 3
Marker	**Allele no.**	**Size**	**Size**	**Size**
fp 13	1	100	94	98
	2	104	98	
fp 31	1	153	155	153
	2			155
fp 107	1	204	204	204
	2			n/a
fp 54	1	105	103	
	2	109		
fp 79-4	1	151	15	
	2	163	153	150
fp 92-1	1	118	20	118
	2	123		120
fp-86-2	1	146	150	150
	2	150	120	n/a
fp 89	1	28	128	128
	2			134
fp 82-2	1	1 0	140	140
			142	142
fp 46-1		9	117	117
				119
fp-5		107	110	110
		110		107
Total no. of mismatches		**0**	**0**	
Parentage result		**Qualifies**	**Qualifies**	

Rules for parentage verification

0 mismatches: Parentage **qualifies**

1 mismatch: Parentage **doubtful**

2 or more mismatches: Parentage **excluded**

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