

()

(Coturnix Japonica)

(dinucleotide)

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(// : // :)

Panda Pharach Golden Tuxedo

GUJ0001

Tuxedo Panda

GUJ0041

/

/

PIC

GUJ0001 GUJ0059

()

()

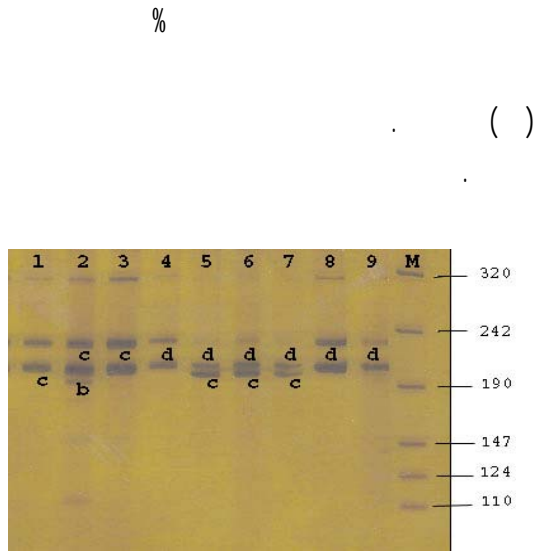
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()

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DNA



Pharach
 Roche
 G.U.J.0070
 M
 d c

Roche VII XII V
 () ()
 (ne) (na)
 (I)
 PIC (H_E) (H_O)

() HET () POPGENE

G.U.J.0001
 Tuxedo Panda G.U.J.0041

()

(*Colinus virginianus*) ()

DNA
 (Pharach)
 (Panda) (Golden)
 (Tuxedo)

DNA EDTA
 (IsoGene, DIAtom
 Moscow)

PCR
 MgCl₂
 () PCR
 PCR

PCRbuffer 1X, Mgcl₂ 4mM, Each primer
 0.25μM, dNTPs 200μM, Taq polymerase 0.5u,
 DNA 150ng

(VEV-7704)
 (1mm*14cm*18cm)

نام جایگاه	توالی جایگاه	*شماره ژن بانک	قطعه تکراری	دامنه اندازه آلی مشاهده شده (bp)	دامنه اندازه آلی گزارش شده (bp)	(⁰ C)
GUJ0001	GAAGCGAAAAGCCGAGCCA CAGCACTTCGGAGCACAGGA	AB035652	(CA)7TG(CA)13	231-247	231-239	56
GUJ0021	GAGCATTCTAGTCTGTCTC GATCAATACACAGGCTAAGG	AB035831	(CA)11	149-173	143-157	62
GUJ0034	CGTAACGGTCCAATATGGAT TCCACGATGCAGAGGTATTT	AB035844	(CA)9CG(CA)2	217-249	219-241	55
GUJ0041	AAAATGTCTGCAAAATGGGC TGAAACATACCTGAGTGCTA	AB035851	(CA)11	106-126	114-126	55
GUJ0049	GAAGCAGTGACAGCAGAATG CGGTAGCATTCTGACTCCA	AB035859	(CA)11	225-249	229-241	55
GUJ0059	GACAAAGTTACAGCTAGGAG TAGGTGCGAAAATCTCTGAC	AB063127	(CA)10	199-231	207-219	50
GUJ0070	AAACCCCAAGAAGCTGTCC ACGTTGTCACCATCAGCTTG	AB063138	(CA)9	188-216	196-206	54
GUJ0097	GGATGCTCAGTGTGGAAAAG GAGCAAGAGGTGAGTGTTTC	AB063165	(CA)14	137-161	131-157	55

NCBI *

() () GUJ0059 Golden
 Pharach GUJ0070

GUJ0041
 (/) Panda
 ()

PIC () GUJ0001 () GUJ0059
 Golden GUJ0059
 (/) Panda GUJ0041 (/) GUJ0049
 PIC

(n_a)
 (/) Golden (n_e)
 (/) Panda (I) (PIC)
 PIC (He) (Ho)
 GUJ0059
 PIC I GUJ0001
 (I)
 GUJ0059
 () (/) Golden

/ GUJ0001 /) PIC .
 . GUJ0059 / ()
 (G_T²) (G-square) PIC PIC
 GUJ0041 Pharach PIC
 GUJ0021 GUJ0059 Panda .
 Golden GUJ0097 GUJ0041 GUJ0034
 GUJ0049 GUJ0070 GUJ0034

-
 Ho .()
 / /
 Tuxedo GUJ0097
 GUJ0059 GUJ0001
 He . Panda Tuxedo Golden
 / /
 Golden GUJ0059
 Panda GUJ0021
 .(p<0.005)

He
 (/) Panda (/) Tuxedo
 . (/)

Ho
 (/) Golden (/) Panda
 Ho
 .(/)
 /

.()
 / /
 GUJ0097
 . GUJ0001
 (H_E)

...

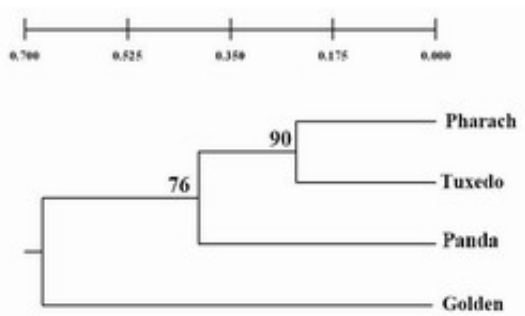
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(I)	(PIC)	(n _e)		(n _a)			
		(He)		(Ho)			
		n _a	n _e	PIC	I	H _O	H _E
GUJ0001	Pharach	/	/	/	/	/	/
	Panda	/	/	/	/	/	/
	Tuxedo	/	/	/	/	/	/
	Golden	/	/	/	/	/	/
	Total	/	/	/	/	/	/
GUJ0021	Pharach	/	/	/	/	/	/
	Panda	/	/	/	/	/	/
	Tuxedo	/	/	/	/	/	/
	Golden	/	/	/	/	/	/
	Total	/	/	/	/	/	/
GUJ0034	Pharach	/	/	/	/	/	/
	Panda	/	/	/	/	/	/
	Tuxedo	/	/	/	/	/	/
	Golden	/	/	/	/	/	/
	Total	/	/	/	/	/	/
GUJ0041	Pharach	/	/	/	/	/	/
	Panda	/	/	/	/	/	/
	Tuxedo	/	/	/	/	/	/
	Golden	/	/	/	/	/	/
	Total	/	/	/	/	/	/
GUJ0049	Pharach	/	/	/	/	/	/
	Panda	/	/	/	/	/	/
	Tuxedo	/	/	/	/	/	/
	Golden	/	/	/	/	/	/
	Total	/	/	/	/	/	/
GUJ0059	Pharach	/	/	/	/	/	/
	Panda	/	/	/	/	/	/
	Tuxedo	/	/	/	/	/	/
	Golden	/	/	/	/	/	/
	Total	/	/	/	/	/	/
GUJ0070	Pharach	/	/	/	/	/	/
	Panda	/	/	/	/	/	/
	Tuxedo	/	/	/	/	/	/
	Golden	/	/	/	/	/	/
	Total	/	/	/	/	/	/
GUJ0097	Pharach	/	/	/	/	/	/
	Panda	/	/	/	/	/	/
	Tuxedo	/	/	/	/	/	/
	Golden	/	/	/	/	/	/
	Total	/	/	/	/	/	/
Mean ¹	Pharach	/	/	/	/	/	/
	Panda	/	/	/	/	/	/
	Tuxedo	/	/	/	/	/	/
	Golden	/	/	/	/	/	/
	Total	/	/	/	/	/	/
Mean ²	Pharach	/	/	/	/	/	/
	Panda	/	/	/	/	/	/
	Tuxedo	/	/	/	/	/	/
	Golden	/	/	/	/	/	/
	Total	/	/	/	/	/	/

Mean¹
Mean²

Nei / PIC
 Pharach Tuxedo /
 Golden ()

Nei				
	Pharach	Panda	Tuxedo	Manchurian Golden
Pharach	***	/	/	/
Panda		***	/	/
Tuxedo			***	/
Golden				***



(p<0.005)

Nei UPGMA

() Nei

/ /
 Tuxedo Pharach
 Golden Tuxedo

UPGMA

() Nei

Panda Tuxedo ,Pharach
 Golden

UPGMA () Nei

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