

1 **Supplementary Table 1. Iris pattern matching percentage of Black Bengal goats at 3, 6,**
 2 **9, 12 months of age**

Animal No.	Iris pattern matching (%)			
	3 months	6 months	9 months	12 months
P001	75.78	55.96	67.66	64.14
P002	74.94	60.17	59.94	64.68
P003	59.44	63.47	57.02	58.03
P004	65.54	64.17	61.21	59.97
P005	71.13	59.74	74.98	65.55
P006	91.56	78.41	71.45	65.69
P007	66.96	56.13	68.23	61.85
P008	68.80	64.89	68.28	65.61
P010	57.77	55.92	63.90	57.47
P011	60.89	64.47	57.43	60.62
P012	57.32	64.28	69.75	71.10
P013	63.04	69.96	80.58	55.89
P016	65.43	65.53	62.77	55.89
P017	62.33	59.58	65.59	64.07
P018	66.18	59.58	62.99	67.30
P019	63.45	60.05	58.45	65.25
P020	61.32	58.32	59.58	67.16
P024	58.65	56.17	58.12	59.04
P025	56.35	58.52	59.41	59.54
P026	59.99	56.86	64.34	66.37
P032	60.48	65.46	57.14	81.39
P044	62.63	56.77	62.76	64.04
P045	56.66	66.08	64.10	55.99
P057	76.25	73.96	56.21	59.69
P061	61.73	66.01	61.41	68.63
P067	56.61	61.56	63.86	76.78
P070	63.49	62.02	65.76	65.09
P072	58.06	71.76	70.60	58.42
P097	60.53	58.17	76.27	68.62
P098	59.79	55.99	57.15	55.67
P099	63.53	64.09	64.88	64.86
P100	62.56	61.32	62.99	63.15
S006	71.82	57.14	56.97	63.92
S011	58.13	67.19	60.63	69.62
S012	71.08	61.56	62.47	59.19
S018	74.46	61.7	68.73	74.93
S034	63.43	57.16	61.27	62.80
S040	68.70	62.30	81.26	61.02

S044	64.63	60.9	56.12	59.48
S047	69.14	58.59	55.60	56.19
S065	56.67	61.22	56.47	59.54
S066	58.89	56.69	56.12	57.46
S069	57.03	57.53	56.48	55.49
S071	64.51	58.12	57.11	58.03
S082	58.03	59.18	56.32	55.78
S086	60.17	60.46	59.46	58.21
S090	61.61	58.69	57.05	56.33
SR408	58.33	59.53	56.19	57.40
SR409	55.82	57.82	55.45	59.05

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4 **Supplementary Table 2. Iris pattern matching percentages of best images from ten goats**
5 **at 3 month of age**

Animal No.	Iris pattern matching (%)									
	P001	P002	P003	P004	P005	P006	P007	P008	P010	P011
P001	100	52.82	54.8	54.58	51.76	52.71	53.45	54.55	53.76	54.74
P002	53.57	100	54.74	53.94	53.88	54.59	54.4	52.86	53.71	54.89
P003	54.8	53.11	100	53.99	53.65	54.96	54.5	53.25	54.77	53.08
P004	52.66	53.21	53.99	100	52.97	53.59	54.85	54.86	54.54	52.47
P005	53.82	53.08	52.97	52.97	100	54.57	54.08	53.99	53.08	52.58
P006	52.71	53.89	54.9	53.9	54.74	100	52.73	54.33	53.68	53.83
P007	53.42	52.89	54.53	54.35	53.75	54.08	52.93	52.72	53.67	53.66
P008	54.53	53.05	54.69	48.89	54.67	54.34	54.83	100	52.76	54.64
P010	53.21	52.44	53.9	53.9	53.34	54.4	52.71	51.89	100	53.71
P011	52.98	52.99	55.4	53.54	54.57	53.52	54.68	52.87	54.92	100

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7 **Supplementary Table 3. Iris pattern matching percentages of best images from ten goats**
8 **at 6 month of age**

Animal No.	Iris pattern matching (%)									
	P001	P002	P003	P004	P005	P006	P007	P008	P010	P011
P001	100	53.76	53.76	54.77	54.54	53.08	53.68	53.91	52.76	54.87
P002	53.76	100	54.53	54.89	54.94	52.95	51.75	51.68	54.14	52.47
P003	53.71	54.28	100	54.76	53.36	52.09	52.75	53.44	53.75	54.5
P004	54.77	54.89	53.36	100	54.53	51.95	54.86	54.18	53.02	54.19
P005	54.54	54.54	54.76	54.53	100	53.02	53.45	52.74	54.06	53.04
P006	53.08	53.08	54.22	51.76	51.76	100	51.68	52.34	54.33	53.26
P007	53.68	54.77	52.75	54.86	53.45	53.86	100	54.93	54.95	53.88
P008	52.76	52.47	53.75	54.83	53.51	53.65	54.06	100	53.4	54.33
P010	52.87	53.22	54.5	54.19	53.63	54.67	53.51	53.48	100	52.69
P011	54.92	52.58	54.41	52.05	53.04	52.76	54.34	53.81	53.91	100

9 **Supplementary Table 4. Iris pattern matching percentages of best images from ten goats**
 10 **at 9 month of age**

Animal No.	Iris pattern matching (%)									
	P001	P002	P003	P004	P005	P006	P007	P008	P010	P011
P001	100	53.79	54.17	53.31	54.57	53.09	53.4	54.64	53.61	53.87
P002	53.87	100	53.72	54.17	54.58	54.37	53.77	53.69	53.96	52.98
P003	54.17	53.72	100	54.17	54.8	53.47	54.01	54.93	54.69	53.79
P004	53.33	53.33	54.17	100	54.29	54.86	53.99	54.13	53.53	53.22
P005	54.37	54.57	54.8	54.29	100	53.83	54.29	54.11	54.58	54.91
P006	54.57	54.37	53.47	54.74	54.83	100	54.68	54.77	54.71	53.09
P007	54.09	54.02	54.08	53.91	52.85	52.36	100	53.4	53.04	54.44
P008	53.09	53.94	54.54	54.18	54.98	52.87	54.53	100	53.34	54.93
P010	54.02	53.37	54.62	53.07	53.71	53.75	54.09	53.93	100	54.76
P011	54.54	54.37	54.16	54.43	57.96	52.98	54.19	54.15	53.25	100

11 **Supplementary Table 5. Iris pattern matching percentages of best images from ten goats**
 12 **at 12 month of age**

Animal No.	Iris pattern matching (%)									
	P001	P002	P003	P004	P005	P006	P007	P008	P010	P011
P001	100	53.78	54.16	53.33	54.57	53.09	52.81	52.98	53.23	52.94
P002	53.79	100	53.72	54.17	54.58	54.37	53.76	52.52	52.89	54.95
P003	54.17	53.72	100	54.17	54.8	54.47	52.57	53.11	53.85	53.75
P004	53.33	53.33	54.17	100	53.29	54.86	53.51	52.68	53.21	55.93
P005	54.37	54.57	56.8	55.86	100	53.82	54.08	54.61	54.34	54.76
P006	54.57	54.37	55.47	52.84	52.85	100	53.89	53.78	54.44	54.23
P007	54.09	55.01	55.07	55.62	54.98	57.35	100.00	57.41	53.21	54.25
P008	53.09	53.94	55.71	55.4	53.71	57.22	53.87	100	54.31	55.66
P010	54.02	53.37	53.79	54.35	54.95	54.27	53.48	54.65	100	54.23
P011	55.44	54.37	54.16	53.72	54.25	54.65	52.95	53.54	52.98	100