

SUPPLIMENTRY DATA:

Table III: Position of Amino Acids of Retinol Binding Protein 7 (RBP7) in *Coturnix japonica*:

ATOM SO.NO.	AMINO ACIDS
ATOM 1-8	MET
ATOM 9-15	PRO
ATOM 16-22	VAL
ATOM 23-30	ASP
ATOM 31-41	PHE
ATOM 42-47	SER
ATOM 48-51	GLY
ATOM 52-58	THR
ATOM 59-72	TRP
ATOM 73-80	ASN
ATOM 81-88	LEU
ATOM 89-95	VAL
ATOM 96-101	SER
ATOM 102-109	ASN
ATOM 110-117	ASP
ATOM 118-125	ASN
ATOM 126-136	PHE
ATOM 137-145	GLU
ATOM 146-149	GLY
ATOM 150-161	TYR
ATOM 162-169	MET
ATOM 170-176	THR
ATOM 177-181	ALA
ATOM 182-189	LEU
ATOM 190-193	GLY
ATOM 194-201	ILE
ATOM 202-209	ASP
ATOM 210-220	PHE
ATOM 221-225	ALA
ATOM 226-232	THR
ATOM 233-243	ARG
ATOM 244-252	LYS
ATOM 253-260	ILE
ATOM 261-265	ALA
ATOM 266-274	LYS
ATOM 275-282	MET
ATOM 283-290	LEU
ATOM 291-299	LYS
ATOM 300-306	PRO
ATOM 307-315	GLN
ATOM 316-324	LYS
ATOM 325-331	VAL
ATOM 332-339	ILE

ATOM 340-348	LYS
ATOM 349-357	GLN
ATOM 358-365	ASP
ATOM 366-369	GLY
ATOM 370-377	ASP
ATOM 378-383	SER
ATOM 384-394	PHE
ATOM 395-400	SER
ATOM 401-408	ILE
ATOM 409-418	HIS
ATOM 419-432	THR
ATOM 433-438	SER
ATOM 439-445	THR
ATOM 446-456	PHE
ATOM 457-467	ARG
ATOM 468-475	ASP
ATOM 476-487	TYR
ATOM 488-495	MET
ATOM 496-503	LEU
ATOM 504-512	GLN
ATOM 513-523	PHE
ATOM 524-532	LYS
ATOM 533-540	ILE
ATOM 541-544	GLY
ATOM 545-562	GLU
ATOM 563-573	PHE
ATOM 574-591	GLU
ATOM 592-599	ASP
ATOM 600-607	ASN
ATOM 608-616	LYS
ATOM 617-620	GLY
ATOM 621-628	LEU
ATOM 629-636	ASP
ATOM 637-644	ASN
ATOM 645-655	ARG
ATOM 656-664	LYS
ATOM 665-670	CYS
ATOM 671-679	LYS
ATOM 680-685	SER
ATOM 686-693	LEU
ATOM 694-700	VAL
ATOM 701-707	THR
ATOM 708-721	TRP
ATOM 722-729	ASP
ATOM 730-737	ASN
ATOM 738-745	ASP
ATOM 746-754	LYS
ATOM 755-762	LEU

ATOM 763-770	ILE
ATOM 771-776	CYS
ATOM 777-783	VAL
ATOM 784-792	GLN
ATOM 793-797	ALA
ATOM 798-801	GLY
ATOM 802-810	GLU
ATOM 811-828	LYS
ATOM 829-836	ASN
ATOM 837-847	ARG
ATOM 848-851	GLY
ATOM 852-865	TRP
ATOM 866-872	THR
ATOM 873-882	HIS
ATOM 883-896	TRP
ATOM 897-904	LEU
ATOM 905-913	GLU
ATOM 914-917	GLY
ATOM 918-933	ASP
ATOM 934-941	LEU
ATOM 942-951	HIS
ATOM 952-959	LEU
ATOM 960-968	GLU
ATOM 969-976	LEU
ATOM 977-987	ARG
ATOM 988-993	CYS
ATOM 994-1002	GLU
ATOM 1003-1010	ASN
ATOM 1011-1019	GLN
ATOM 1020-1026	VAL
ATOM 1027-1032	CYS
ATOM 1033-1041	LYS
ATOM 1042-1050	GLN
ATOM 1051-1057	VAL
ATOM 1058-1068	PHE
ATOM 1069-1077	LYS
ATOM 1078-1088	ARG
ATOM 1089-1094	ALA