Gene number	Model (ModelFinder in IQTree)	Gene number	Model (ModelFinder in IQTree)	Gene number	Model (ModelFinder in IQTree)	Gene number	Model (ModelFinder in IQTree)	Gene number	Model (ModelFinder in IQTree)
1	TVMe+G4	11	TIM3+F+I+G4	21	TIM3+F+I+G4	31	K2P+G4	41	TVMe+R2
2	TIM2+F+I+G4	12	TPM2u+F+G4	22	TIM2e+I+G4	32	TPM2+F+G4	42	K2P+R2
3	TIM2e+G4	13	TIM3e+I+G4	23	TIM3e+I+G	33	TN+F+G4	43	TIM2e+G4
4	TPM2+F+G4	14	TIM2e+R2	24	K2P+G4	34	TIM2e+G4	44	TPM2u+F+I+G4
5	TPM3u+F+I+G4	15	K2P+G4	25	TIM2+F+G4	35	K2P+I+G4	45	TIM2e+I+G4
6	TNe+I+G4	16	K2P+G4	26	TPM2u+F+G4	36	K2P+I+G4	46	TN+F+I+G4
7	TPM2+F+G4	17	K2P+I+G4	27	TNe+G4	37	TPM2u+F+I+G4	47	TPM2+F+G4
8	TPM2u+F+G4	18	TIM2e+G4	28	TIM2e+I+G4	38	TVMe+R2	48	K2P+I+G4
9	TIM2e+G4	19	K2P+G4	29	TIM2e+G4	39	K2P+G4	49	TIM2e+R2
10	TIM2e+I+G4	20	TVMe+R2	30	K2P+I+G4	40	TPM3+F+I+G4		