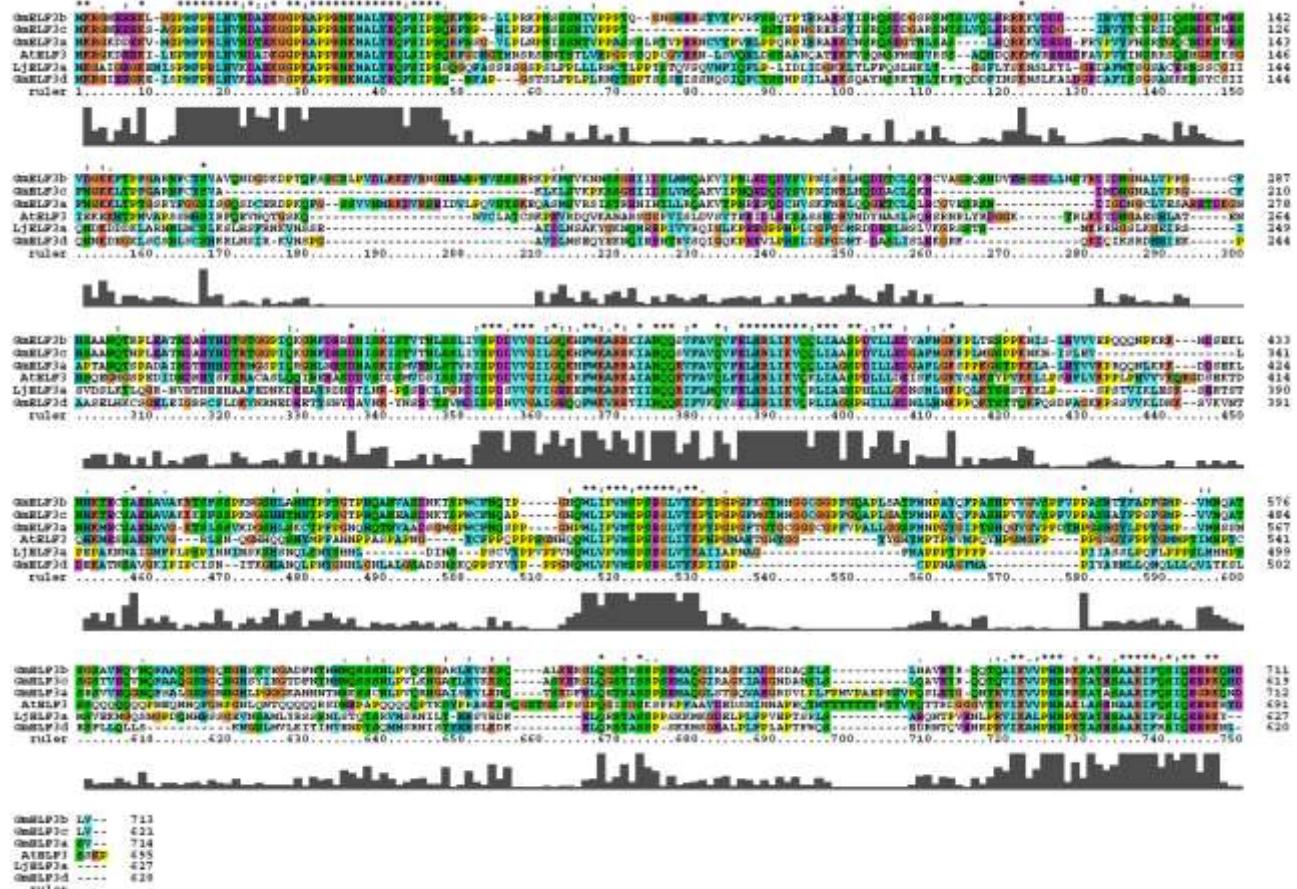
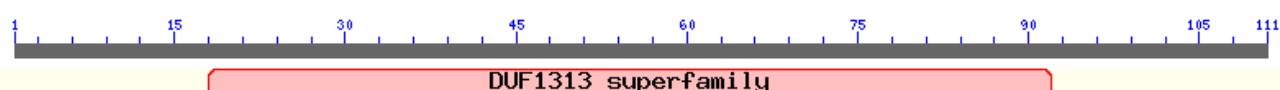


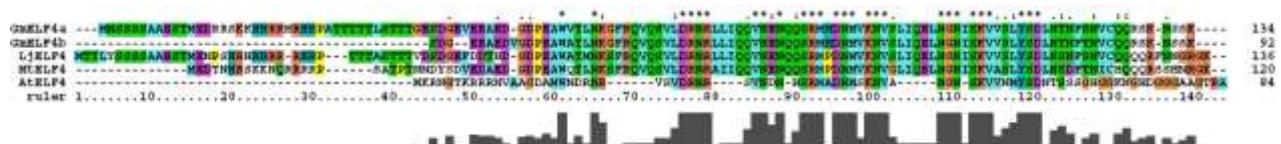
A



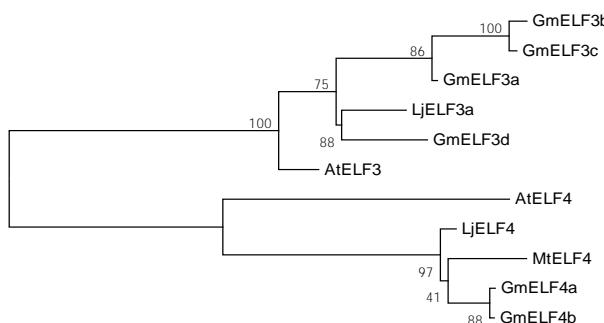
B



C



D



0.2

E

	1	2	3	4	5	6	7	8	9	10
1. GmELF3b										
2. GmELF3c	0.071									
3. GmELF3a	0.283	0.247								
4. AtELF3	0.529	0.529	0.440							
5. LjELF3a	0.680	0.653	0.602	0.735						
6. GmELF3d	0.735	0.735	0.577	0.889	0.419					
7. GmELF4a	2.904	2.904	2.499	2.345	2.345	2.345				
8. GmELF4b	2.904	2.904	2.499	2.345	2.345	2.345	0.028			
9. LjELF4	2.681	2.681	2.681	1.988	2.211	2.345	0.196	0.196		
10. MtELF4	3.192	3.192	2.681	2.211	2.211	2.345	0.359	0.339	0.283	
11. AtELF4	2.681	2.499	2.345	2.211	2.904	2.904	1.518	1.518	1.518	1.651

图 1 ELF3/ELF4 氨基酸序列比对,蛋白保守结构域分析,分子进化树和进化距离

注: A: ELF3 氨基酸序列比对; B: ELF4 蛋白保守结构域分析; C: ELF4 氨基酸序列比对; D: ELF3/ELF4 蛋白的分子进化树; E: ELF3/ELF 在 4 个物种之间的进化距离

Figure 1 ELF3/ELF4 protein sequences alignment, conservation domain analysis of protein, molecular evolutionary tree and the distance between four species

Note: A: ELF3 protein sequences alignment; B: Conservation domain analysis of ELF4 protein; C: ELF4 protein sequences alignment; D: Molecular evolutionary tree of ELF3/ELF4 proteins; E: The distance of ELF3/ELF4 protein between four species