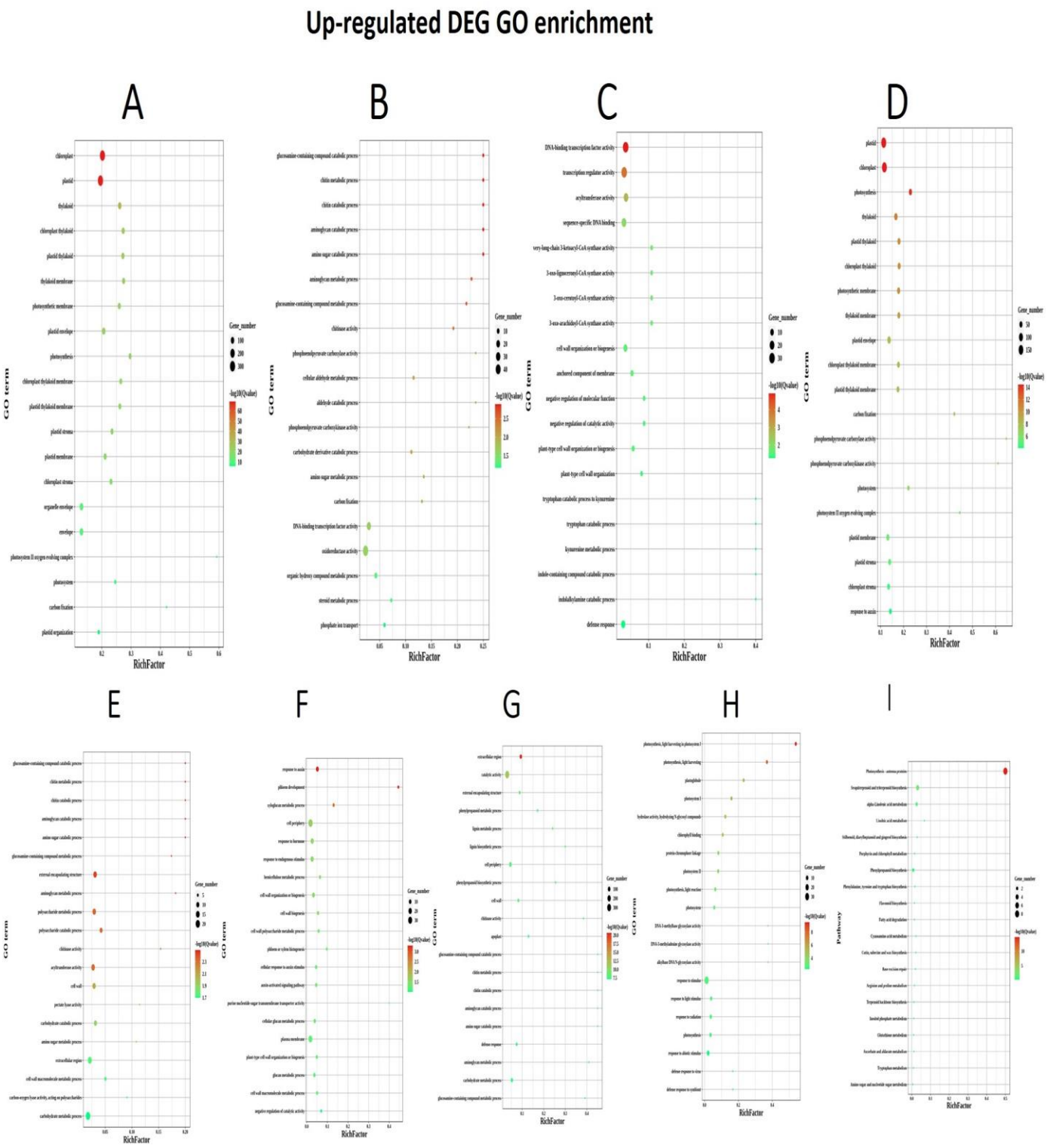

Fig S1. Top 20 GO enrichment of uP-regulated DEGs, (A) M-vs-Ck, (B) S-vs-CK, (C) D-vs-Ck, (D) Cd-vs-Ck, (E) CdD-vs-Ck, (F) CdS-vs-Ck, (G) CdS-vs-CdSM, (H) CdD-CdDM, (I) CdSD-vs-CdDSM

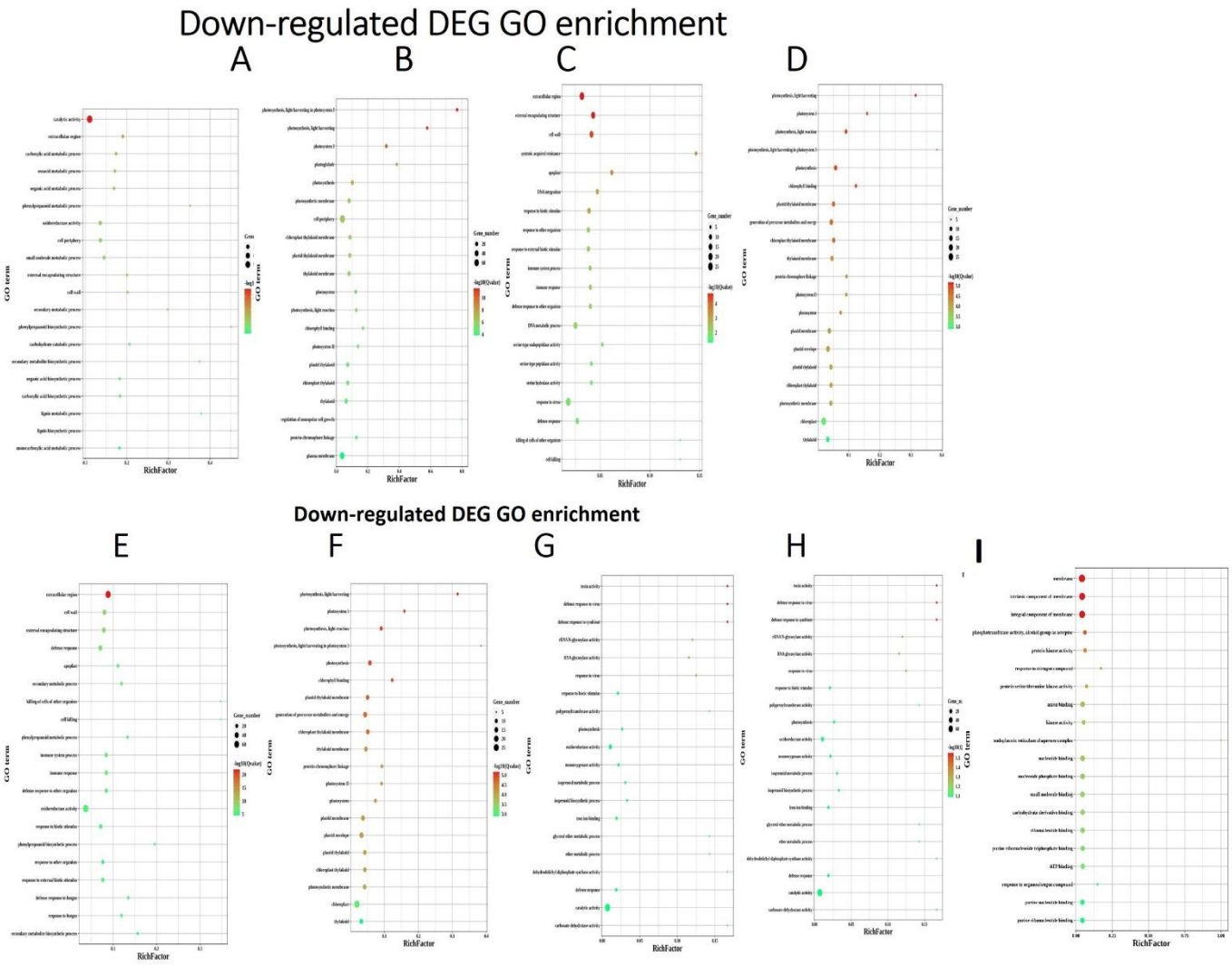

Fig S2. Top 20 GO enrichment of Down-regulated DEGs, (A) M-vs-Ck, (B) S-vs-CK, (C) D-vs-Ck, (D) Cd-vs-Ck, (E) CdD-vs-Ck, (F) CdS-vs-Ck, (G) CdS-vs-CdSM, (H) CdD-CdDM, (I) CdSD-vs-CdDSM

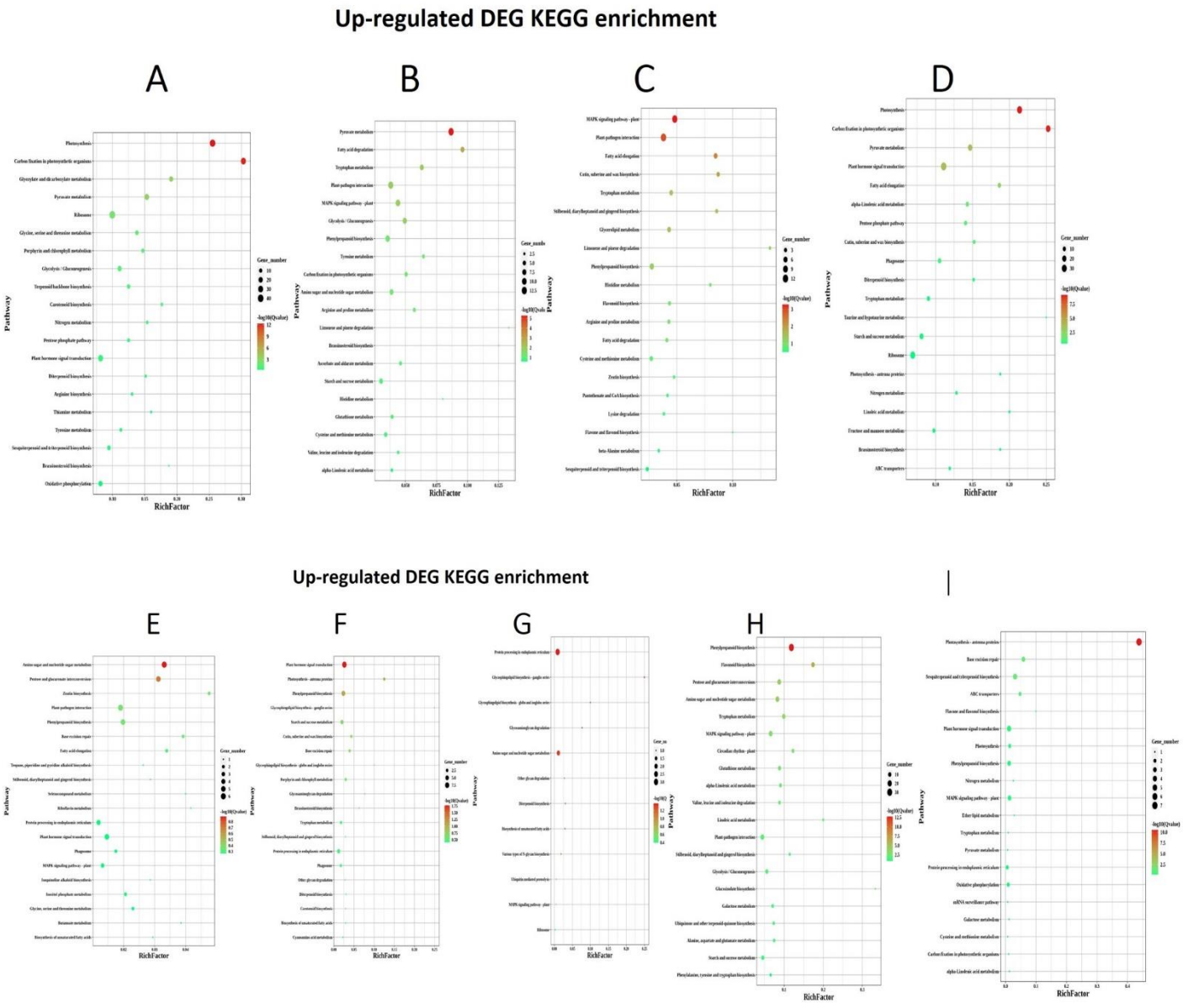

Fig S3. Top 20 KEGG enrichment of Up-regulated DEGs, (A) M-vs-Ck, (B) S-vs-CK, (C) D-vs-Ck, (D) Cd-vs-Ck, (E) CdD-vs-Ck, (F) CdS-vs-Ck, (G) CdS-vs-CdSM, (H) CdD-CdDM, (I) CdSD-vs-CdDSM

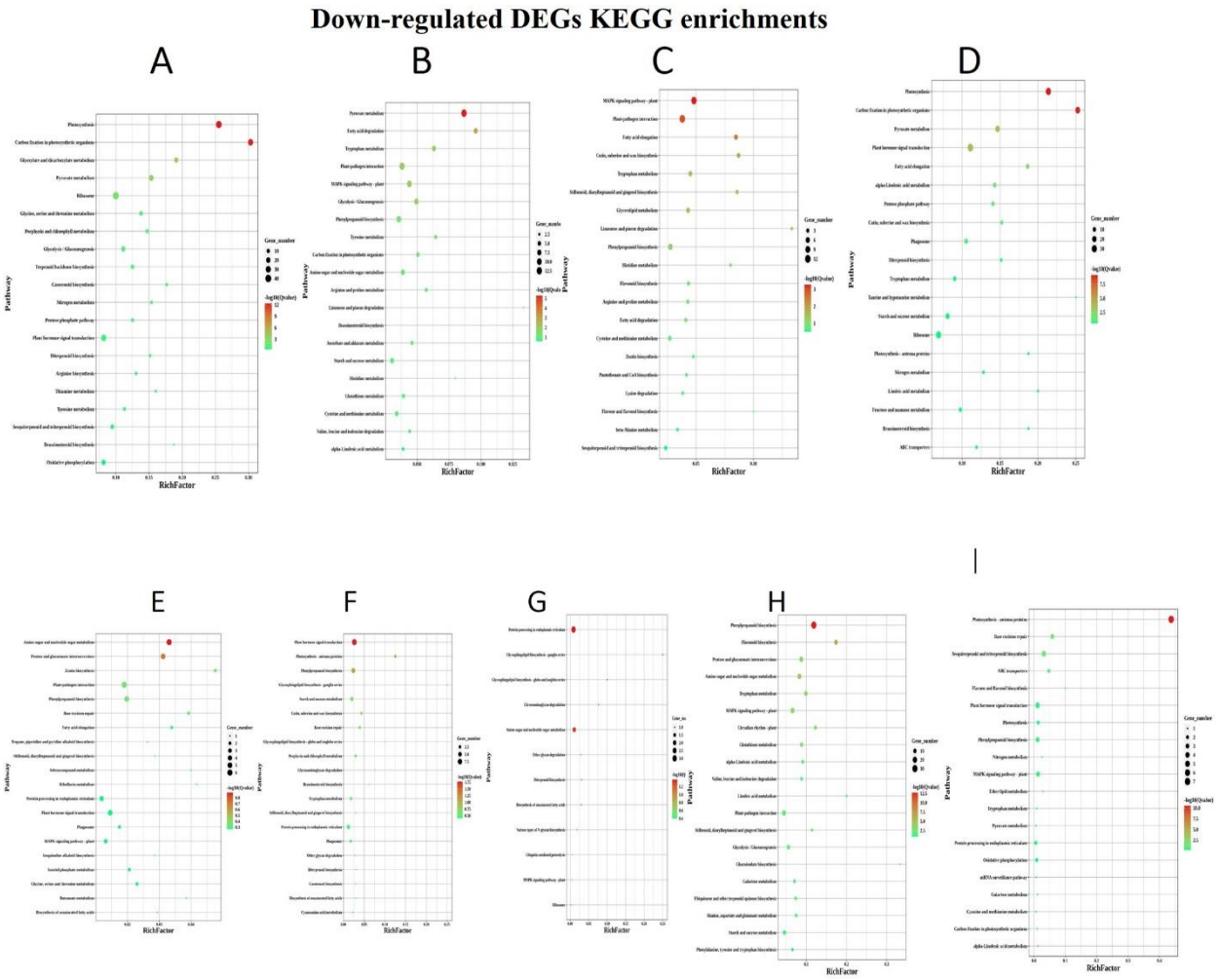

Fig S4. Top 20 KEGG enrichment of Down-regulated DEGs, (A) M-vs-Ck, (B) S-vs-CK, (C) D-vs-Ck, (D) Cd-vs-Ck, (E) CdD-vs-Ck, (F) CdS-vs-Ck, (G) CdS-vs-CdSM, (H) CdD-CdDM, (I) CdSD-vs-CdDSM