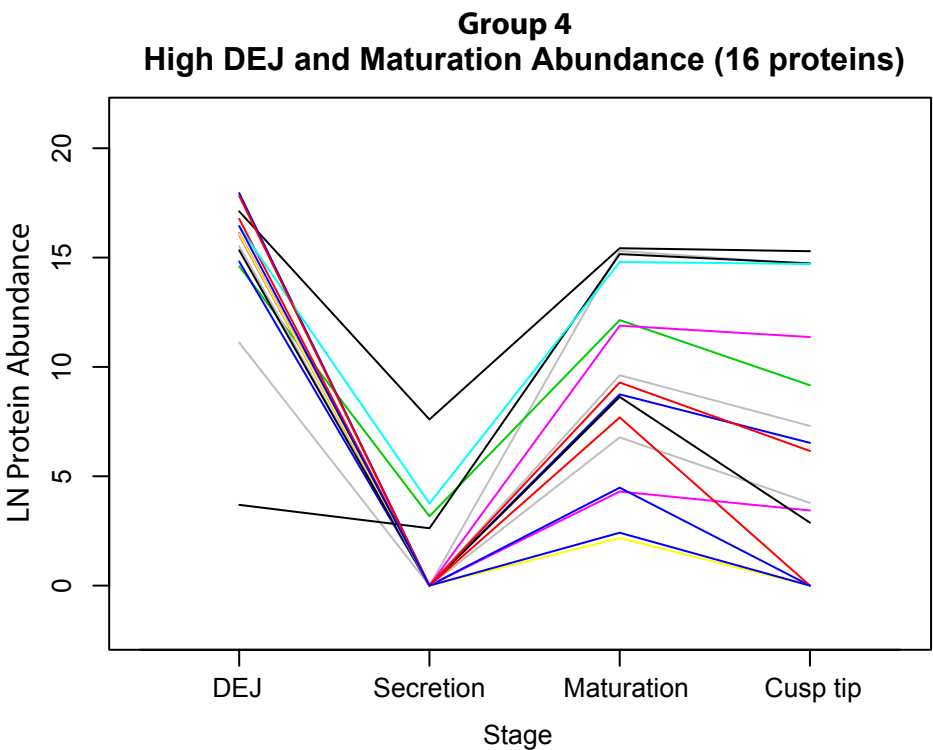
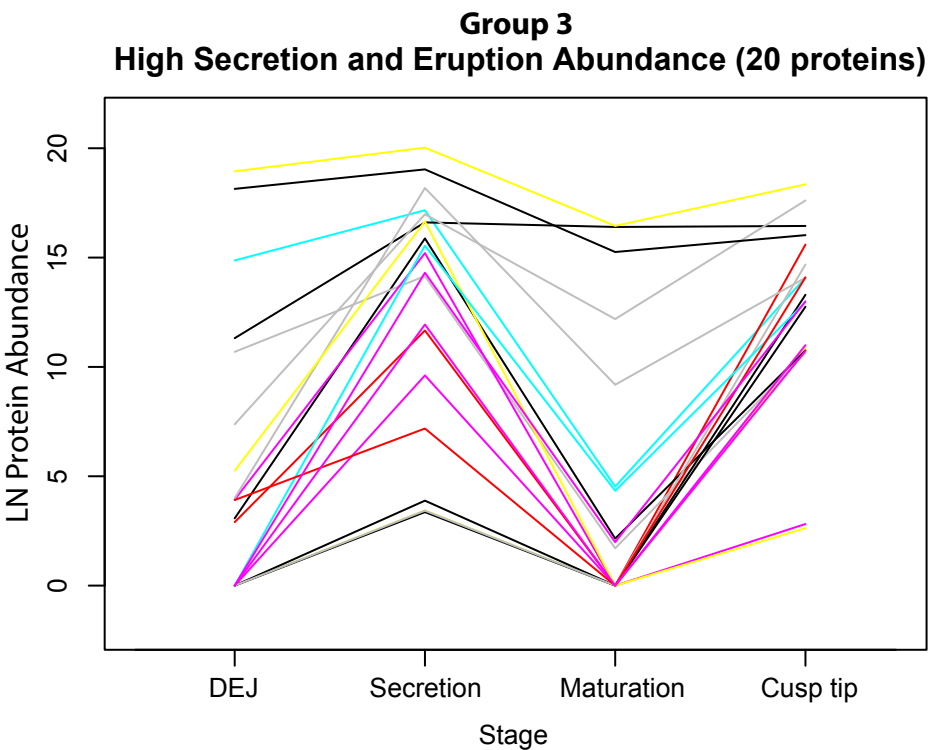
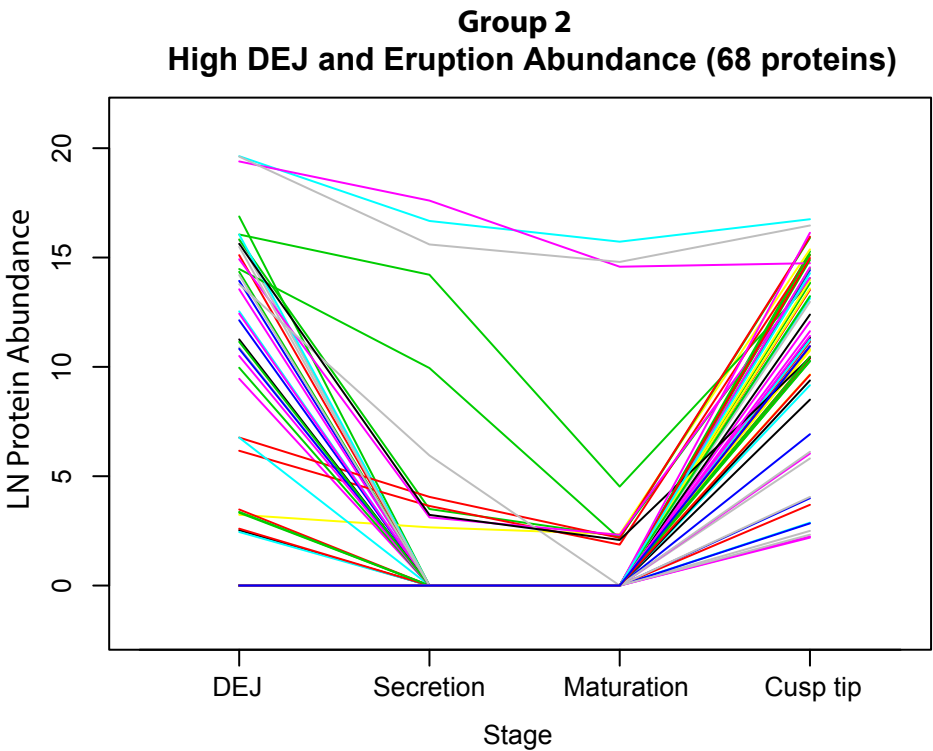
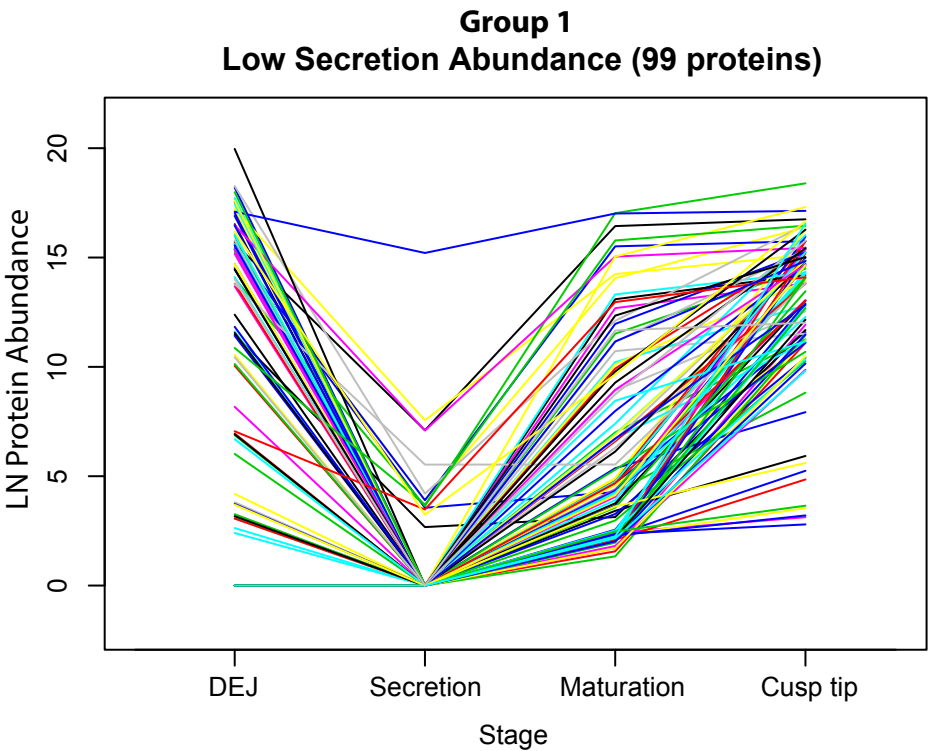


Supplemental Figure 1: Groups of proteins with similar patterns of abundance changes over the course of mineralization. Patterns of increased and decreased abundance are statistically significant for each protein in each group, as determined by nonparametric ANOVA tests that include a Benjamini-Hochberg correction for multiple analyses.



Group 1 Gene abbreviations				Group 2 Gene abbreviations				Group 3 Gene abbreviations		Group 4 Gene abbreviations	
NUCB1	ANXA8	CALD1	AHNAK	OGN	H2AFY	TGFBI		RPS18		CLEC11A	
ATP6V0A1	KRT15	C4BP	HADH	P4HA1	SLIT3	COL1A2		ATP6AP1		TKT	
CTNND1	VCAN	CLTC	A1BG	SLC25A3	VIT	TFRC		RPL15		TGFB1	
LGALS1	FSTL1	JCHAIN	RPS8	HSPA9	COX5B	RPN2		RPS4X		TGFB2	
MYH14	SERPINE2	DCN	CRABP1	SEMA3E	COL11A1	DPYSL2		MMP20		IGHG	
S100A4	HADHA	UQCRC2	ATPsynD	EMILIN1	SPTAN1	NPM1		FGA		C3	
S100A6	SERPIN1	TXN	RPSA	PLS1	POSTN	RPL35		MYH14		SCRN1	
ITGAV	KRT3	PTN	SERPI-	HP1BP3	RPS3A	MTCH2		HNRNPA3		APOE	
SERPIND1	CORO1A	ATP5D	NA36	RRBP1	ANXA4	DYNCH		Jup		CHID1	
F10	RPL17	KRT75	ANXA1	MYH9	C5	TMED10		KRT13		OLFML3	
IMMT	UBA1	NCL	PKP1	RPS26	SLC4A1	RPN1		AMELX		PCOLCE	
SPARC	TGFBI	RPS15A	ANXA1	APP	LGALS3	COX5A		TNN		SEMA3D	
ACTN4	SERPI-	HSPB1	DSG1	TNC	PAM			RPL12		CPB2	
GNB2L1	NA3-2	ATP5O	VCP	K6-irs1	ATP5L			S100A14		SSR1	
VDAC2	OGDH	UQCRF51	HRG	CRYAB	TPP1			SERPINA38		IGV	
COL5A1	IGLC	COL12A1	TTR	CTNNB1U	MYOF			HIST2B		FGFR1	
MMP2	RPS10	HSP90AB1	PHB2	FKBP7	RPL22			RPL13A			
RPL7A	CTSL	COL2A1		COL5A3	RPL18A			RPLP0			
PHEX	MYH14	COL6A1		SCUBE1	HK1			LAMA3			
ICA	ACO2	PRDX2		RPS13	NDUFS1			ANXA2			
CANX	ATP6V0D1	grp-58		MMP10	NDUFB11						
HNRNPU	RPS3	HSPG2		NDUFS3	CD248						
C9	UQCRC1	LMNB1		IGHG	ALB						
RARRES2	LRP1	DSP		S100A10	PDHB						
SPP1	DNAJC3	CD44		SDHA	FLNC						
PROS	CLEC3B	PFN1		SET	TCN2						
HABP2	THBS1	GOT1		HNRNPH1	RPL13						
FGA	MYO6	ETFA		ATP5F1	PLG						
								Group 5 Gene abbreviations (Low DEJ)		Group 6 Gene abbreviations (High DEJ)	
								S100A8		ECM2	
								TUFM		P4HA2	
								MB		APOA2	
								SRI		COL17A1	
								RPL9		SFRP2	
								COL12A1		SDF4	
										BGN	
								Group 7 Gene abbreviations (High secretory)		Group 8 Gene abbreviations (High secretion + maturation)	
								SERPINC1		EEF1G	
								APOA1		ATP6V1E1	
								AMBN		KRT10	
								TLN1			
								DPT			