

Figure 2-Figure Supplement 2: Trichome preferentially expressed BAHD enzymes

Candidate (Trinity assembler given names)	Homolog	Trichome 1 (# of reads)	Trichome 2 (# of reads)	Stem 1 (# of reads)	Stem 2 (# of reads)	Status
c40486_g1	PaASAT1	3856	1000	46	10	SsASAT1
c49208_g1	SI_ASAT1/PaASAT2	5310	1851	39	7	SsASAT2
c36223_g2	SI_ASAT2/PaASAT3	5987	1792	51	13	SsASAT3
c48744_g1	Solyc01g008330	5045	940	29	7	SsASAT5
c49704_g1	Solyc08g078030	3817	1200	56	17	NAD
c58191_g3	Solyc02g081740	3360	1086	30	14	NAD
c57127_g2	Solyc05g014330	25699	5624	112	25	NAD
c57127_g3	Solyc05g014330	6094	2073	44	15	NAD
c52698_g1	Solyc09g092270	7940	4810	528	436	NAD
c49383_g1	Solyc08g005760	15113	7133	108	31	Not tested
c50879_g1	Solyc12g087980	2849	1162	458	235	No DFGWG/HxxxxD → Abandoned
c41764_g1	Solyc06g051320 (ASAT4 clade)	465	231	90	31	Not cloned (not highly differentially expressed)
c42979_g2	NA	445	157	12	5	Not cloned (not highly differentially expressed)

NAD: No Activity Detected *in vitro*