

Additional file 10: Table S4. Orthologous *SOD* gene pairs of *G. hirsutum*, *G. arboreum*, and *G. raimondii*.

Orthologous genes in <i>G. arboreum</i>		Genes of At subgenome		Genes of Dt subgenome		Orthologous genes of <i>G. raimondii</i>	
ID	Name	Name	ID	ID	Name	Name	ID
Cotton_A_21978	<i>GaCSD1</i>	<i>GhCSD3</i>	Gh_A13G0817	Gh_D13G1062	<i>GhCSD4</i>	<i>GrCSD1</i>	Cotton_D_10024020
Cotton_A_24238	<i>GaCSD2</i>	<i>GhCSD1</i>	Gh_A13G1450	Gh_D11G2412	<i>GhCSD6</i>	<i>GrCSD3</i>	Cotton_D_10039927
Cotton_A_30467	<i>GaCSD3</i>	<i>GhCSD5</i>	Gh_A11G2096	Gh_D05G0857	<i>GhCSD10</i>	<i>GrCSD5</i>	Cotton_D_10006544
Cotton_A_32487	<i>GaCSD4</i>	<i>GhCSD7</i>	Gh_A09G2473	Gh_D05G2648	<i>GhMSD4</i>	<i>GrMSD1</i>	Cotton_D_10016246
Cotton_A_04050	<i>GaMSD1</i>	<i>GhMSD3</i>	Gh_A05G2383	Gh_D10G1852	<i>GhMSD2</i>	<i>GrMSD2</i>	Cotton_D_10018648
Cotton_A_21263	<i>GaMSD2</i>	<i>GhMSD1</i>	Gh_A10G1595	Gh_D07G0457	<i>GhFSD2</i>	<i>GrFSD1</i>	Cotton_D_10009356
Cotton_A_03623	<i>GaFSD1</i>	<i>GhFSD1</i>	Gh_A07G0392	Gh_D13G0600	<i>GhFSD4</i>	<i>GrFSD2</i>	Cotton_D_10030063
Cotton_A_26478	<i>GaFSD2</i>	<i>GhFSD3</i>	Gh_A13G0530				