

**Table S18.** Genes encoding the enzymes in Quinic acid pathway

<b>Enzyme</b>	<b>Reference Gene</b>	<b>IPC Gene</b>	<b>Gene Number</b>
aroF	<i>AT1G22410</i> , <i>AT4G33510</i> , <i>AT4G39980</i>	<i>Ipc11G0004020</i> , <i>Ipc11G0002490</i> , <i>Ipc13G0003120</i>	4
aroB	<i>AT5G66120</i>	<i>Ipc02G0024340</i> , <i>Ipc02G0024390</i>	3
aroD	<i>PF01487.18</i>	<i>Ipc14G0008790</i> , <i>Ipc07G0017860</i> , <i>Ipc01G0013210</i> , <i>Ipc06G0010070</i>	5
QUIB	<i>PF01488</i>	<i>Ipc05G0014040</i> , <i>Ipc04G0015730</i> , <i>Ipc15G0002680</i> , <i>Ipc09G0005340</i> , <i>Ipc13G0002640</i>	5