Table S5: Gene Ontology (GO) terms of genes of interest predicted in the genomic region underlying the genetic-marker (AT/AC-625bh) for *Fusarium circinatum* (39500-48000 bp on chromosome 3).

Gene name	Biological process	GO term	Molecular function	GO term	Cellular component	GO term
FCIRG_04548	None predicted	None predicted	None predicted	None predicted	None predicted	None predicted
FCIRG_04549	Metabolic process	8152	Catalytic activity	3824	None predicted	None predicted
FCIRG_04550	Rhamnose metabolic process	19299	Racemase and epimerase activity acting on carbohydrates and derivatives	16857	Cytoplasm	5737
FCIRG_04551	Transmembrane transport	55085	None predicted	None predicted	Integral component of membrane	16201
FCIRG_04552	Transcription, DNA-template	6351	DNA binding; Zinc ion binding	3677; 827	Nucleus	5634
FCIRG_04553	Metabolic process; Catabolic activity	8152; 9063	Catalytic activity	3824	None predicted	None predicted
FCIRG_04554	None predicted	None predicted	None predicted	None predicted	None predicted	None predicted
FCIRG_04555	Transmembrane transport	55085	None predicted	None predicted	Integral component of membrane	16201
FCIRG_04556	Transcription, DNA-template	6351	DNA binding; Zinc ion binding	3677; 827; 30170	Nucleus	5634
FCIRG_04557	None predicted	None predicted	Transaminase activity; Pyridoxal phosphate dependent binding	3824; 8483	None predicted	None predicted
FCIRG_04558	None predicted	None predicted	Catalytic activity; Transaminase activity; Pyridoxal phosphate dependent binding	3824; 8483; 30170	None predicted	None predicted
FCIRG_04559	Transcription DNA template; Regulation of transcription DNA-template	6351; 6355	Sequence-specific DNA binding RNA polymerase II transcription factor activity; Zinc ion binding	981; 8270	Nucleus	5634
FCIRG_04560	Proteolysis	4181	Metalocarboxy peptidase activity; Zinc ion binding	4181; 8270	None predicted	None predicted
FCIRG_04562	Response to stress	6950	None predicted	None predicted	Integral component of membrane	16201
FCIRG_04563	None predicted	None predicted	None predicted	None predicted	None predicted	None predicted
FCIRG_04564	None predicted	None predicted	None predicted	None predicted	None predicted	None predicted