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## Differential expression and identification of new adult plant resistance genes to leaf rust in Brazilian wheat cultivar Toropi

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Wheat leaf rust, caused by , endemic of South America, it is an important wheat disease. e Brazilian wheat cultivar Toropi has proven, durable adult plant resistance (APR) to leaf rust and prehaustorial resistance phenotype. e objective of this study was to identify, characterize and to understand the interaction between and Toropi by quantitatively evaluating the temporal transcription genes related to infection and defense in wheat. RNA-Seq libraries from the Toropi here produced at 0, 6, 12, 24 hours a er inoculation with