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Mahbubur M Rahman*, Mahbubur Rahman, Department of Mathematics & Statistics, 1 UNF Drive, University of North Florida, Jacksonville, FL 32224. *Horizontal Gene Transfer of Kinetic Network in Aquifer media*. Preliminary report.

We construct a mathematical model using conventional model of gene transfer, which can uncover the kinetics of horizontal gene transfer and its effects on the environment. (Received September 17, 2008)