1001-16-56 **Suemi Rodriguez-Romo** (`suemi@servidor.unam.mx`), CIT-FESC, Universidad Nacional Autonoma de Mexico, Apdo. Postal 142, 54750 Cuautitlan Izcalli, Mexico, Mexico, and **Earl J. Taft*** (`etaft@math.rutgers.edu`), Department of Mathematics, Rutgers University, Piscataway, NJ 08854-8019. *A Left Quantum Group.*

Starting with roughly half the relations of $\mathrm{SL}_q(2)$, we construct a left quantum group, i.e., one with a left antipode but no right antipode. The left antipode constructed is not an algebra antimorphism, but does reverse the order on irreducible monomials, which form a basis. In fact, none of the infinite number of left antipodes is an algebra antimorphism. (Received July 28, 2004)