1067-16-1064 **Andrea Jedwab*** (jedwab@usc.edu), 3620 S Vermont Ave, KAP 464D, Los Angeles, CA 90089, and **Susan Montgomery** (smontgom@usc.edu). *A q-identity related to a comodule.*

We determine a set of identities that are equivalent to a certain algebra being a comodule over the Taft algebra. We then show that the algebra is in fact a comodule algebra by giving a direct combinatorial proof of the identities.

These identities involve the q-binomial coefficients, where q is a primitive nth root of unity and n^2 is the dimension of Taft algebra. (Received September 17, 2010)