A $100 Problem on the Gassner Representation

Let $uB_n := \langle \sigma_i : 1 \leq i < n \rangle / (\sigma_i \sigma_j = \sigma_j \sigma_i \text{ when } |i - j| > 1 \text{ and } \sigma_j \sigma_{i+1} \sigma_j = \sigma_i \sigma_{i+1} \sigma_i \text{ when } i < n) \rangle$ be the usual braid group on $n$ strands.

Let $R = R_n = \mathbb{Z}[T_i, T_i^{-1} : 1 \leq i \leq n]$ be the ring of Laurent polynomials in $n$ variables $T_1, \ldots, T_n$. 