

$$\cdots Q_{\alpha\sigma'(j)} \cdots Q_{\alpha\sigma'(j+1)} \cdots P_{b_{j+1}} P_{b_j} \cdots$$

$(\alpha\sigma'(j+1), b_{j+1})$   
 $(\alpha\sigma'(j), b_j)$

$$\cdots \otimes \text{Hom}_Y(\alpha_{\sigma'(j)}, b_j) \otimes \text{Hom}_Y(\alpha_{\sigma'(j+1)}, b_{j+1}) \otimes \cdots$$