

$$\begin{array}{ccccccc}
 \mathbf{D}'(e) & \xleftarrow{p!} & \mathbf{D}'(J) & \xleftarrow{F_J} & \mathbf{D}(J) & \xrightarrow{\text{id}} & \mathbf{D}(J) \\
 & & \uparrow p^* & \swarrow & \uparrow p^* & \swarrow \eta(\text{pr}_! \dashv \text{pr}^*) & \\
 & & \epsilon_{(\text{pr}_! \dashv \text{pr}^*)} & & & & \\
 & & \mathbf{D}'(e) & \xleftarrow{F_e} & \mathbf{D}(e) & \xleftarrow{p!} & \mathbf{D}(J) \\
 & \searrow \text{id} & & & & & \\
 & & & & & & 
 \end{array}$$