$$(S(\mathbf{A}) \times S(\mathbf{B})) \times S(\mathbf{C}) \qquad \qquad \alpha \qquad \qquad S(\mathbf{A}) \times (S(\mathbf{B}) \times S(\mathbf{C}))$$

$$\operatorname{coh}_{\mathbf{A},\mathbf{B}} \times \operatorname{id}_{S(\mathbf{C})} \qquad \qquad \operatorname{id}_{S(\mathbf{A})} \times \operatorname{coh}_{\mathbf{B},\mathbf{C}}$$

$$S(\mathbf{A} * \mathbf{B}) \times S(\mathbf{C}) \qquad \qquad S(\mathbf{A}) \times S(\mathbf{B} * \mathbf{C})$$

$$\operatorname{coh}_{\mathbf{A} * \mathbf{B}, \mathbf{C}} \qquad \qquad \operatorname{coh}_{\mathbf{A}, \mathbf{B} * \mathbf{C}}$$

$$S(\mathbf{A} * \mathbf{B} * \mathbf{C}) \qquad \qquad S(\mathbf{A} * \mathbf{B} * \mathbf{C})$$