$$K(pm-1,2) \xrightarrow{D'} Y^{2p(pm-1)-2}$$

$$\downarrow^{\overline{g}_{pm-1}} \qquad \downarrow^{g_{pm-1}}$$

$$Q_4^{2pm-3} \xrightarrow{\overline{\partial}_p} Q_2^{2pm-3}$$