

ACTIVE TRANSPORT

1. Sequence the correct order of action of sodium potassium pump:

Read the information on the right side and Drag and drop the images accordingly.

	three sodium ions (Na^+) bind to the sodium potassium pump
	ATP attaches to the ATP binding site of the pump and ATP breaks down into ADP
	the pump changes shape, allowing sodium ions (Na^+) to move <u>outside</u> the cell.
	two potassium ions (K^+) from outside the cell bind to the exposed sites on the pump.
	the phosphate group is released which causes the pump to return to its original shape
	potassium ions (K^+) move <u>into</u> the cell



