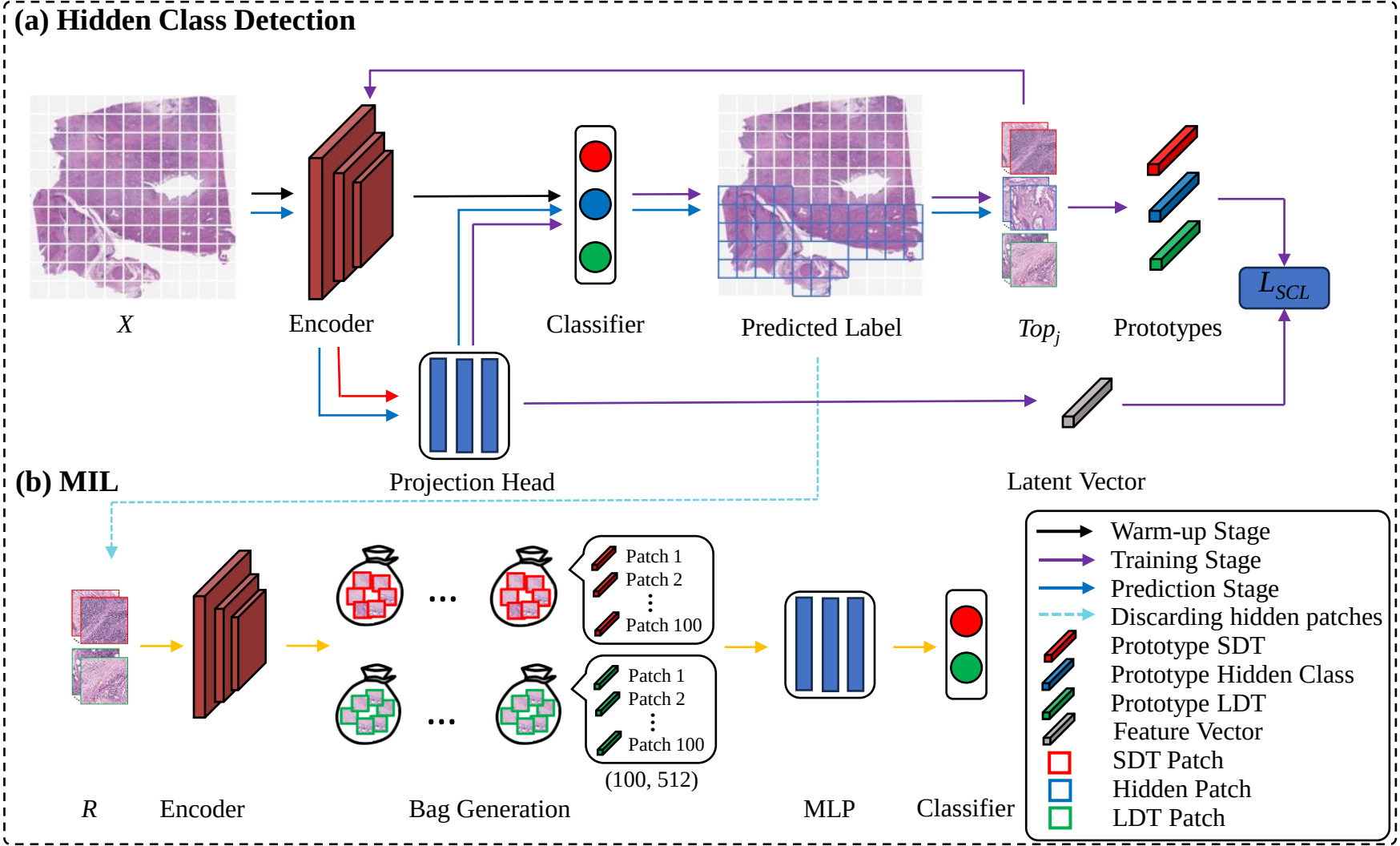
(a) Hidden Class Detection
X
Encoder
Classifier
Predicted Label
Top_j
Prototypes
L_SCL
Projection Head
Latent Vector
(b) MIL
R
Encoder
Patch 1
Patch 2
Patch 100
(100, 512)
Bag Generation
MLP
Classifier
Warm-up Stage
Training Stage
Prediction Stage
Discarding hidden patches
Prototype SDT
Prototype Hidden Class
Prototype LDT
Feature Vector
SDT Patch
Hidden Patch
LDT Patch