Figure 2: Integrated diagnostic algorithm for ependymomas

- **Supra-or infratentorial**
  - Subependymoma
    - P65, L1CAM
      - Nuclear
      - Cytoplasmic
    - No further testing
    - Consider fusion testing
      - and/or
    - Methylation array
      - EPN_ST_RELA
      - EPN_ST_YAP

- **Supratentorial**
  - Ependymoma
    - H3 K27me3
      - Lost
      - Retained
    - No further testing
    - or
    - Methylation array
      - EPN_SP_SE
      - EPN_SP_MPE

- **Infratentorial**
  - Ependymoma
    - No further testing

- **Spinal**
  - Any ependymoma
    - Consider MYCN amplification testing
      - and/or
    - Methylation array
      - EPN_SP_E
      - EPN_SP_MYC