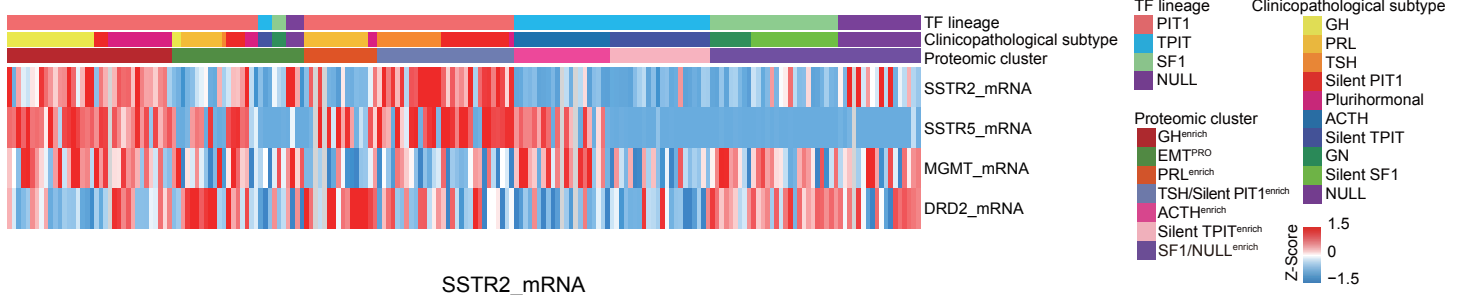
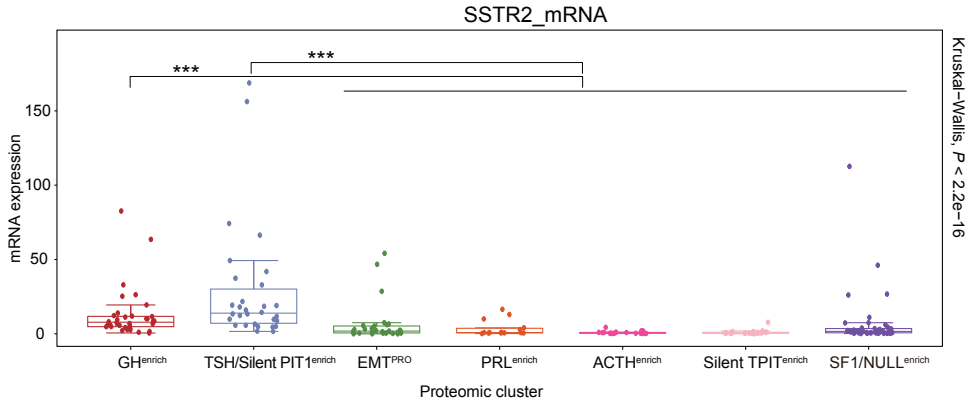
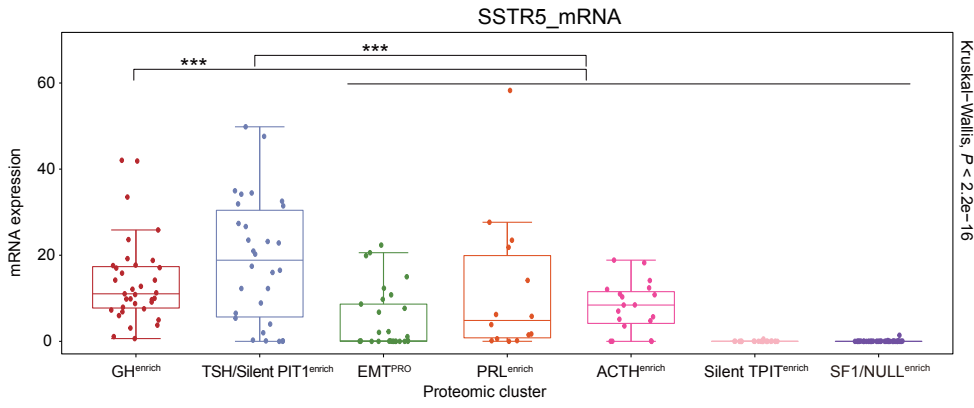
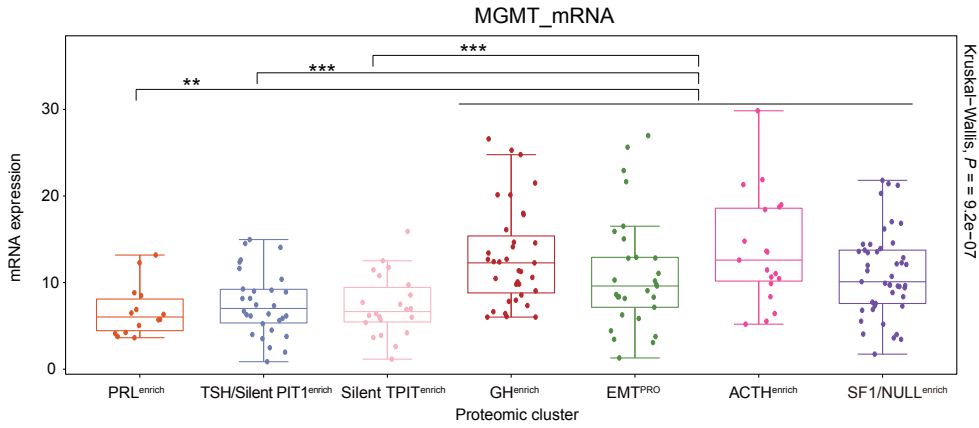
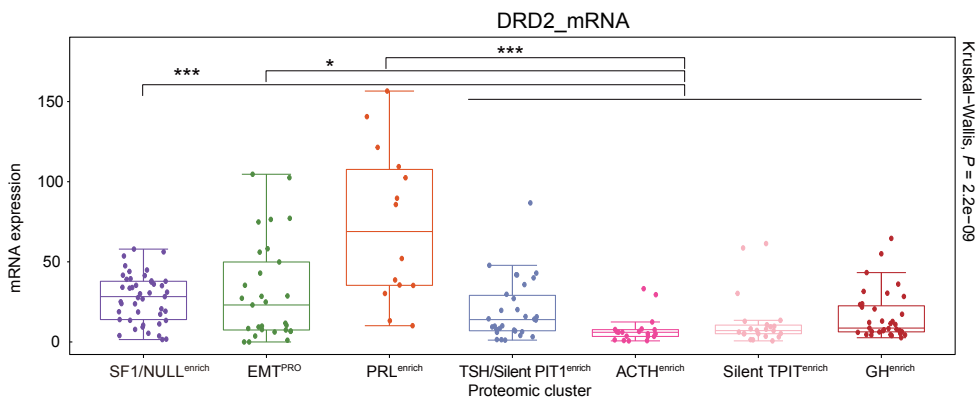


a**b****c****d****e**

Supplementary information, Fig. S9 The mRNA expression levels of targets of FDA-approved drugs in all 200 PitNETs, related to Fig. 6.

a Heatmap comparing the mRNA expression of *SSTR2*, *SSTR5*, *MGMT* and *DRD2* among the seven proteomic clusters.

b, c Boxplot showing mRNA expression of *SSTR2* (**b**) and *SSTR5* (**c**) was significantly elevated in GH^{enrich} and TSH/silent PIT1^{enrich} than in other proteomic clusters (Wilcoxon rank-sum test, *** $P < 0.001$). Kruskal-Wallis test was used to test if any of the differences among the subgroups were statistically significant.

d Boxplot showing mRNA expression of *MGMT* was significantly lower in PRL^{enrich}, TSH/silent PIT1^{enrich}, and silent TPIT^{enrich} than in other proteomic clusters, respectively (Wilcoxon rank-sum test, ** $P < 0.001$, *** $P < 0.001$). Kruskal-Wallis test was used to test if any of the differences among the subgroups were statistically significant.

e Boxplot showing mRNA expression of *DRD2* was significantly elevated in SF1/NULL^{enrich}, EMT^{PRO}, and PRL^{enrich} than in other proteomic clusters, respectively (Wilcoxon rank-sum test, * $P < 0.05$, *** $P < 0.001$). Kruskal-Wallis test was used to test if any of the differences among the subgroups were statistically significant.