

**Supplemental Material**

**FXYD6: a novel therapeutic target toward hepatocellular carcinoma**

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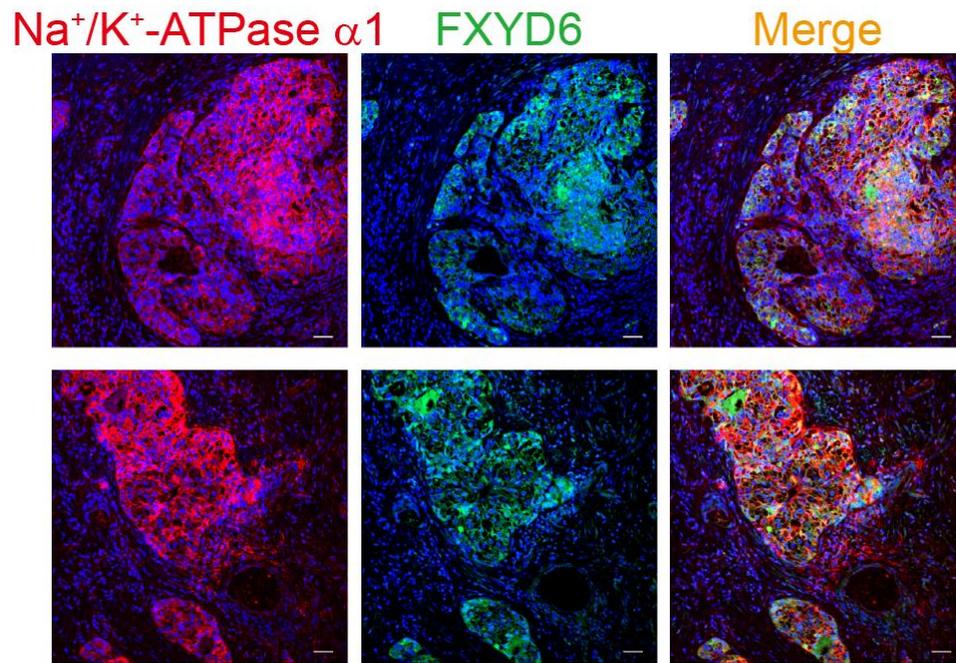
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1. Figure S1, Related to Figure 3. Co-localization of FXYD6 and Na<sup>+</sup>/K<sup>+</sup>-ATPase in the HCC tissues.
2. Table S1, Related to Table 1. The Scores of Immunohistochemistry Staining.



**Figure S1.** Co-localization of FXYD6 and Na<sup>+</sup>/ K<sup>+</sup>-ATPase in the HCC tissues.

Two hepatocellular carcinoma tissues from different patients were used for double immunostaining with anti-FXYD6 antibody (green) and anti-Na<sup>+</sup>/K<sup>+</sup>-ATPase α1 (red).

The bar represents 40 μm.

Table S1. The Scores of Immunohistochemistry Staining

| Type of tissues |                             | Total | Positive<br>(Score 4-12) | Score 0-3 | Score 4-6 | Score 7-9 | Score 10-12 |
|-----------------|-----------------------------|-------|--------------------------|-----------|-----------|-----------|-------------|
| Liver           | Hepatocellular carcinoma    | 56    | 54                       | 2         | 8         | 27        | 19          |
|                 | Normal tissue               | 35    | 11                       | 24        | 7         | 1         | 3           |
| Thyroid         | Carcinoma                   | 17    | 17                       | 0         | 3         | 5         | 9           |
|                 | Normal tissue               | 6     | 2                        | 4         | 2         | 0         | 0           |
| Prostate        | Adenocarcinoma              | 13    | 9                        | 4         | 2         | 5         | 2           |
|                 | Normal tissue               | 6     | 1                        | 5         | 1         | 0         | 0           |
| Colon           | Adenocarcinoma              | 17    | 17                       | 0         | 0         | 4         | 13          |
|                 | Normal tissue               | 6     | 4                        | 2         | 0         | 0         | 4           |
| Cerebrum        | Astrocytoma                 | 17    | 17                       | 0         | 12        | 4         | 1           |
|                 | Normal tissue               | 7     | 7                        | 0         | 3         | 3         | 1           |
| Uterus          | Adenocarcinoma              | 20    | 20                       | 0         | 6         | 4         | 10          |
|                 | Normal tissue               | 5     | 5                        | 0         | 0         | 1         | 4           |
| Bladder         | Transitional cell carcinoma | 20    | 18                       | 2         | 2         | 3         | 13          |
|                 | Normal tissue               | 1     | 1                        | 0         | 0         | 0         | 1           |
| Ovary           | Carcinoma                   | 30    | 20                       | 10        | 7         | 7         | 6           |
|                 | Normal tissue               | 6     | 4                        | 2         | 1         | 1         | 2           |
| Breast          | Carcinoma                   | 29    | 18                       | 11        | 9         | 9         | 0           |
|                 | Normal tissue               | 9     | 6                        | 3         | 1         | 3         | 2           |
| Testis          | Seminoma                    | 21    | 12                       | 9         | 5         | 6         | 1           |
|                 | Normal tissue               | 6     | 5                        | 1         | 3         | 1         | 1           |
| Lung            | Carcinoma                   | 25    | 14                       | 11        | 11        | 3         | 0           |
|                 | Normal tissue               | 1     | 1                        | 0         | 1         | 0         | 0           |
| Stomach         | Adenocarcinoma              | 18    | 9                        | 9         | 4         | 4         | 1           |
|                 | Normal tissue               | 5     | 3                        | 2         | 1         | 2         | 0           |
| Pancreas        | Adenocarcinoma              | 15    | 5                        | 10        | 2         | 2         | 1           |
|                 | Normal tissue               | 6     | 3                        | 3         | 1         | 2         | 0           |