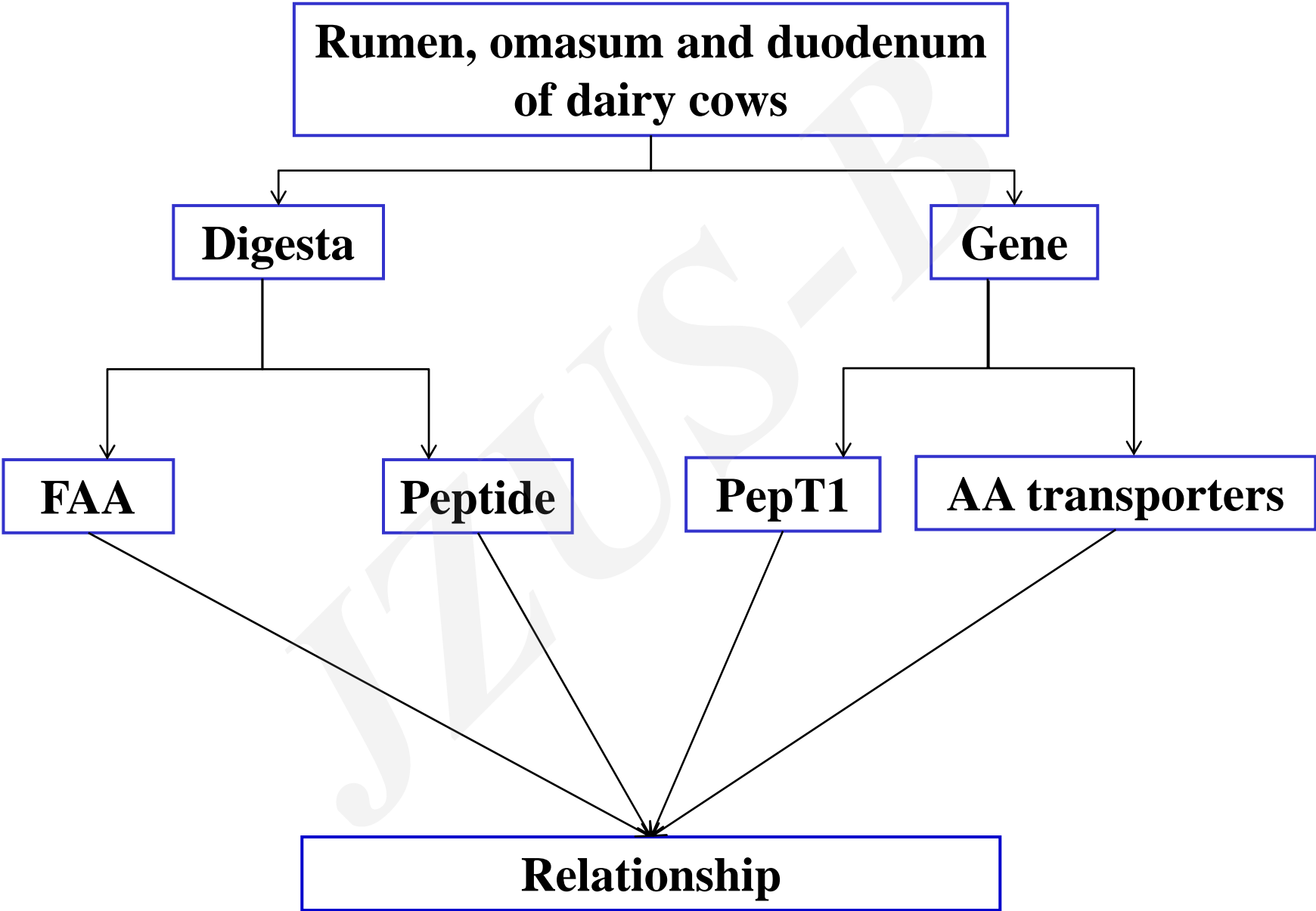


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# **Duodenum has the greatest potential to absorb soluble non-ammonia nitrogen in the nonmesenteric gastrointestinal tissues of dairy cows**

**Key words:** Soluble non-ammonia nitrogen, Nonmesenteric  
gastrointestine, Transporters, Dairy cows

*Research Route:*

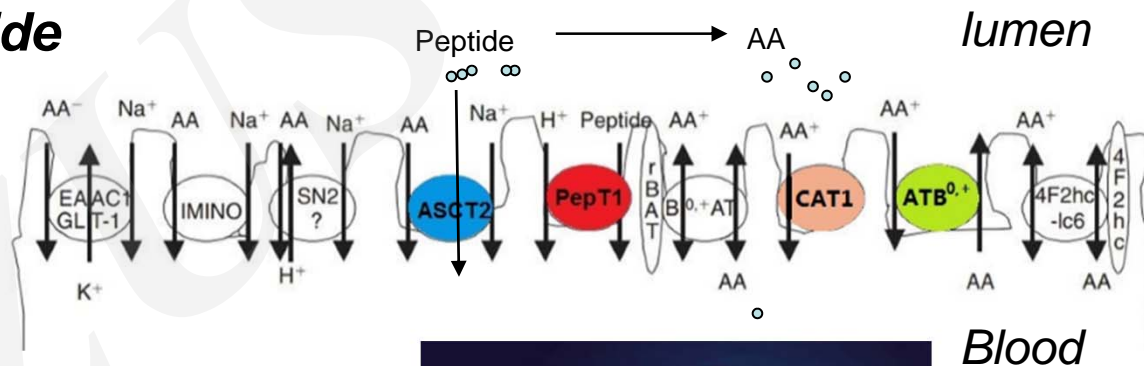


# Innovation findings:

- Concentration of peptide, FAA and soluble protein in duodenum is greatest.



- Concentration of peptide among soluble non-ammonia nitrogen is greatest.



- The expression of mRNA of PepT1, ASCT2,  $\gamma^+$ LAT1 and ATB<sup>0,+</sup> in duodenum is greatest.

