

ABSTRACT

A medicine, a food or a drink and feed which are effective for preventing and/or improving decline, occurring with age (senescence), in memory and learning ability are provided. A novel microorganism having the effect of preventing and/or improving decline, occurring with age (senescence,) in memory and learning ability is provided. More specifically, the microorganism is characterized by being a microorganism belonging to *Lactobacillus*, *Bifidobacterium*, *Streptococcus*, *Leuconostoc* or *Pediococcus*, more specifically a microorganism belonging to any of *Lactobacillus acidophilus*, *Lactobacillus gasseri*, *Lactobacillus gallinarum*, *Lactobacillus johnsonii*, *Lactobacillus delbrueckii* subsp. *delbrueckii*, *Bifidobacterium catenulatum*, *Bifidobacterium pseudolongum*, *Bifidobacterium bifidum*, *Bifidobacterium breve*, *Bifidobacterium longum*, *Streptococcus thermophilus*, *Leuconostoc mesenteroides* subsp. *dextranicum*, *Leuconostoc lactis*, *Pediococcus acidilactici* and *Pediococcus pentosaceus*.

Fig. 2