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## Denitrifying microbial community with the ability to bromate reduction in a rotating biofilm-electrode reactor

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Graphical abstract

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### Highlights

- Bromate removal was achieved by auto-hydrogenotrophic denitrification reduction
- Bromate reduction was inhibited by the high concentration of nitrate
- The microbial community of biofilm was analyzed at phylum and genus level
- Miseq sequencing analysis showed the bromate-reducing bacteria was phylogenetically diverse

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