

# Resource Summary Report

Generated by [dkNET](#) on Aug 30, 2026

## Vocal Inventory Clustering Engine (VoICE)

RRID:SCR\_016004

Type: Tool

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### Proper Citation

Vocal Inventory Clustering Engine (VoICE) (RRID:SCR\_016004)

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### Resource Information

**URL:** <https://github.com/zburkett/VoICE>

**Proper Citation:** Vocal Inventory Clustering Engine (VoICE) (RRID:SCR\_016004)

**Description:** Software that groups vocal elements of birdsong by creating a high dimensionality dataset through scoring spectral similarity between vocalizations.

**Abbreviations:** VoICE

**Synonyms:** VoICE (Vocal Inventory Clustering Engine), Vocal Inventory Clustering Engine (VoICE), VoICE: Vocal Inventory Clustering Engine, VoICE: A semi-automated pipeline for standardizing vocal analysis across models

**Resource Type:** data analysis software, data processing software, software application, software resource

**Keywords:** bird, song, birdsong, vocal, audio, analysis, vocalization, spectral similarity, avian, matlab

**Funding:** 5T32HC00722834 ;  
Autism Speaks 7657;  
NICHD P50 HD055784;  
NIMH R01 MH070712;  
NIMH R01 MH081754;  
NIMH RO1MH081754;  
UCLA

**Availability:** Free, Available for download

**Resource Name:** Vocal Inventory Clustering Engine (VoICE)

**Resource ID:** SCR\_016004

**License:** GNU GPL v3

**Record Creation Time:** 20220129T080328+0000

**Record Last Update:** 20260829T182740+0000

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## Ratings and Alerts

No rating or validation information has been found for Vocal Inventory Clustering Engine (VoICE).

No alerts have been found for Vocal Inventory Clustering Engine (VoICE).

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [dkNET](#) .

Aamodt CM, et al. (2022) Inhibition of miR-128 Enhances Vocal Sequence Organization in Juvenile Songbirds. *Frontiers in behavioral neuroscience*, 16, 833383.

Burkett ZD, et al. (2018) FoxP2 isoforms delineate spatiotemporal transcriptional networks for vocal learning in the zebra finch. *eLife*, 7.