

# Resource Summary Report

Generated by ASWG on Aug 26, 2026

## ACT

RRID:SCR\_009033

Type: Tool

### Proper Citation

ACT (RRID:SCR\_009033)

### Resource Information

**URL:** <http://www.epigenetic.org/Linkage/act.html>,

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**Description:** Software application that contains the following modules: ibd, calculates the proportion of gene shared identical by descent for a nuclear family; ibdn, (modified program of ERPA), which implements a method for assessing increased-allele sharing between all pairs of affected relatives within a pedigree; multic, multivariate analysis for complex traits; ml, estimation of variance components using maximum likelihood; ql, estimation of variance components using quasi likelihood; relcov, generates first degree relationship coefficients for extended families; sim2s, the simulation program that was used to test ACT; cage, Cohort Analysis for Genetic Epidemiology; gh: GeneHunter, heavily modified to assist multipoint calculation using multic; TDT: TDT programs written in SAS; gcc and f77 compilers are necessary. Executable programs are included for compatible operating systems, i.e., Solaris2.6. (entry from Genetic Analysis Software)

**Abbreviations:** ACT

**Synonyms:** Analysis of Complex Traits

**Resource Type:** software application, software resource

**Keywords:** gene, genetic, genomic, fortran77, c++, unix, solaris 2.4

**Resource Name:** ACT

**Resource ID:** SCR\_009033

**Alternate IDs:** nlx\_153997

**Old URLs:** <http://www.epigenetic.org/Linkage/act.tar.gz>

**Record Creation Time:** 20220129T080250+0000

**Record Last Update:** 20260821T042823+0000

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## Ratings and Alerts

No rating or validation information has been found for ACT.

No alerts have been found for ACT.

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## Data and Source Information

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

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.